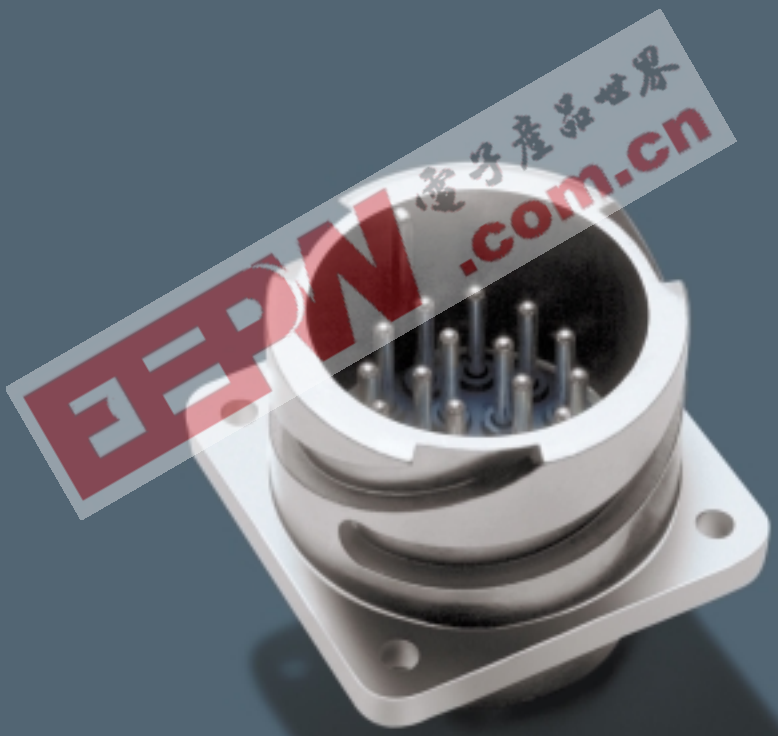
Industrial Connectors
CA-COM



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Can

COM-7/0300

both CA-COM series are interchangeable with the corresponding types as per MIL-C-5015 and VG95234, as they offer the same mounting dimensions and contact arrangements.

The CA-COM and CA-COM-B connector series offer

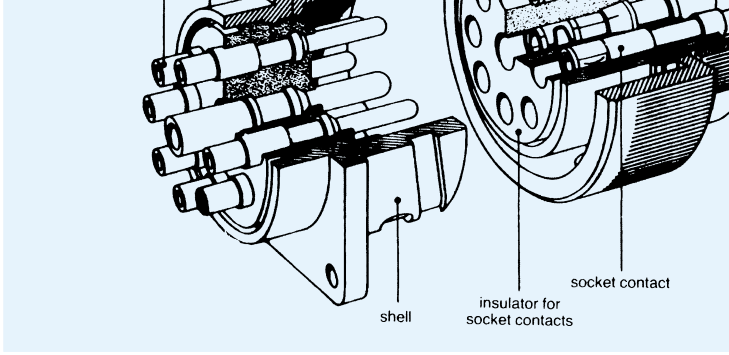
- Wall mounting receptacles
- Cable connecting plugs
- Box mounting receptacles
- Straight plugs
- Plugs 90°

Wall mounting receptacles and cable connecting plugs (straight and 90°) are available with

- Endbell with cable clamp
- Endbell for flex tubes
- Adapter combined for PG terminations acc. to DIN 46320
- Adapter for heat shrink boots

Furthermore Cannon also provides the appropriate accessories like

- Protective metal caps
- Sash chains
- Cable clamps
- Cable bushings
- Sealing gaskets



CA-COM

- Threaded coupling
- Mateable with all connectors according to MIL-C-5015 and series CA respectively
- Either solder or crimp contacts
- Contact arrangements with 1 to 37 contacts
- Wire sizes from 0,14 up to 2,5 mm²
- Shells made of aluminum alloy enable to withstand high mechanical strain*
- Surface protected by nickel plating
- Resilient insulator (polychloroprene) for wide temperature range (–55/125°C)
- Resistant against aggressive fluids like fuel, oil, etc.
- Environmental by means of an adapter for PG termination, universal endbell and heat shrink boots
- Min 500 mating cycles
- Spray-waterproof IP67

CA-COM-B

- Bayonet coupling
- Mateable with all cor to VG95234 and serie tively
- Either solder or crimp
- Contact arrangement contacts
- Wire sizes from 0,14
- Shells made of alumi to withstand high me
- Surface protected by
- Resilient insulator (pc for wide temperature (–55/125°C)
- Resistant against agg fuel, oil, etc.
- Environmental by me for PG termination, u and heat shrink boots
- Min 500 mating cycle
- Waterproof (1 bar, 12

Contents

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Connector design 2
Technical data 3
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Mounting dimensions ..
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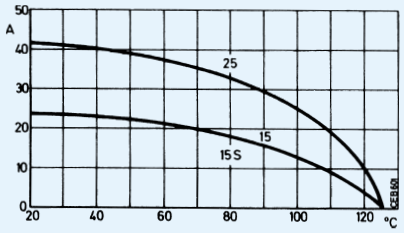
Shell styles and dimensi
Accessories .....
Contact dimensions .....
Tools .....
Product safety informat

Note: * Receptacle size 14S and barrels size 18 + 20 are made of Zi material.

15S	22
15	22
25	41
100	74

[1]) This applies only to the max. rated current for one contact. If several contacts in one contact arrangement are loaded with higher current the specific heat and the ambient temperature may not exceed +125°C.

Rated current vs. ambient temperature



Contact resistance (Millivolt test)

Contact size metric	Contact resistance mΩ max
15S	6
15	6
25	3
100	1

Insulation resistance > 1000 MΩ

Air and creepage paths mm (min)

Voltage class	Instr.	A	D
Air path mm	0,7	1,1	2,8
Creepage path mm	0,7	1,1	2,8

Operating Voltage and connector usage

When the connectors in this catalogue are used for voltages greater than 50 Volts and have touchable conductive shell parts they must be used in accordance with the safety regulations DIN VDE Part 410; IEC 60364-4-41. This regulation basically dictates that the power source should be turned off before any mating and unmating of the connector, this regulation does not provide for protection against electrical shock when mating and unmating the connectors in the live condition.

Min separating

Contact size metric
15S
15
25
100

Contact retenti
Test force to be a

Contact size metric
15S
15
25
100

Coupling torqu
The allowable c
tested under ha

Shell size	Allowa Closin (N ma CA-CO
10SL	3,0
12S	2,8
14S	5,9
16S/16	7,0
18	8,0
20	9,0
22	10,6
24	12,9
28	16,7
32	18,1
36	23,9

Materials

Shell	Alu nic
Contacts	Co
Insulator	Pol

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Cannon ITT Industries

00 - Wall mount receptacle
01 - Cable connecting plug
02 - Box mount receptacle
20 - Box mount receptacle for rear wall mounting (Bayonett coupling only)
06 - Plug, straight
08 - Plug 90°

Class
COM-E - Endbell with cable clamp [1])
COM-F - Endbell for flex tube
COM-PG - Adapter for PG termination, environmental
COM-L - PCB Solder termination
COM-IN - universal endbell

Shell size
10SL, 12S, 14S, 16, 16S, 18,
20, 22, 24, 28, 32*, 36* (* = upon request)

Contact arrangement
see pages 6 – 8

Contact type
P - Pin contact
S - Socket contact

Alternate insert position
Insert insulator position – see page 9

Coupling
B - Bayonet coupling
- without designation: threaded coupling

Modification
01 - metric crimp contacts
03 - Adapter for heat shrink boots and metric crimp contacts (only for bayonet coupling by shell style 01 + 06 class -E)
06 - Adapter for heat shrink boots and solder contacts (only for bayonet coupling by shell style 01 + 06 class -E)
44 - with end ring and grommet (for class E and F only)
48 - F-Endbell with O-ring
DN - Adapter for heat shrink boots and solder contacts (Mod. for threaded coupling)
F0 - without contacts (to be ordered separately)

[1]) except shell style 02 / 20

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	10SL-4	2	15S	0,75 –
12S	12SA10	4	15S	0,75 –
14S	14S-2	4	15S	0,75 –
	14S-5	5	15S	0,75 –
	14S-6	6	15S	0,75 –
	14SA7	7	15S	0,75 –
16	16-10	3	25	2,0 – 3
16S	16S-1	7	15S	0,75 –
18	18-1	10	15	0,75 –
	18-8	7 + 1	15 + 25	1 – 1,5
	18-10	4	25	2,0 – 3
	18-11	5	25	2,0 – 3
	18-12	6	15	0,75 –
20	20-15	7	25	2,0 – 3
	20-17	1	15	0,75 –
		5	25	2,0 – 3
	20-19	3	100	10
	20-27	14	15	0,75 –
	20-29	17	15	0,75 –
22	22-14	19	15	0,75 –
	22-19	14	15	0,75 –
	22-23	8	25	2,0 – 3
24	24-28	24	15	0,75 –
28	28-15	35	15	0,75 –

Additional contact arrangements (per MIL-C-5015 and VG95234) up

Wire selection

Contact size Metric	Wire sizes for crimp and solder c Metric mm²	Condu ∅ mm
15S	0,75 – 1,5	1,6 –
15	0,75 – 1,5	1,6 –
25	2,0 – 3,0	2,9 –
100	10,0	4,2 –

Stripping lengths of wires

Strip wires carefully. Do not damage conductors and insulat

For solder connections, wires have to be pretinned. Do not crimp contacts, otherwise no perfect crimp connection will b conductors before crimping. Film of grease or lubricants on t crimp quality.

Stripping length for contacts sizes 15S, 15 and 25 is 6,2 mm

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	3	**10SL-3** 15S	A	-	-	-	-
	2	**10SL-4** 15S	A	-	-	-	-
	4	**12SA10** 15S	A	-	-	-	-
	4	**14S-2** 15S	Inst.	-	120	240	-
	5	**14S-5** 15S	Inst.	-	110	-	-
	6	**14S-6** 15S	Inst.	-	-	-	-
	7	14SA7 15S	Inst.	-	-	-	-
	7	**16S-1** 15S	A	-	-	-	-
	3	**16-10** 25	A	90	180	270	-

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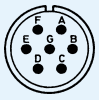
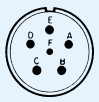
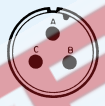
	10	**18-1** 15	A (B, C, F, G)	70	145	-
	8 1 7	**18-8** 15 25	A	70	-	-
	4	**18-10** 25	A	-	120	240
	5	**18-11** 25	A	-	170	265
	6	**18-12** 15	A	80	-	-
	7	**20-15** 25	A	80	-.	-
	6 1 5	**20-17** 15 25	A	90	180	270
	3	**20-19** 100	A	90	180	270
	14	**20-27** 15	A	35	110	250

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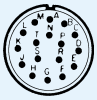
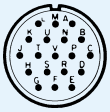
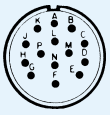
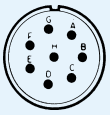
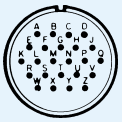
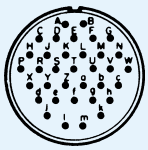
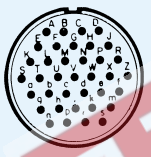
	17	**20-29** 15	A	80	-	-	280
	19	**22-14** 15	A	80	-	-	280
	14	**22-19** 15	A	80	110	250	280
	8	**22-23** 25	D(H) A (all others)	35	-	250	-
	24	**24-28** 15	Inst.	80	110	250	280
	35	**28-15** 15	A	80	110	250	280
	37	**28-21** 15	A	80	110	250	280

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View on mating fac

Contact arrangement	W	X	Y
10SL-3	-	-	-
10SL-4	-	-	-
12SA10	-	-	-
14S-2	-	120	240
14S-5	-	110	-
14S-6	-	-	-
14SA7	-	-	-
16S-1	-	-	-
16-10	90	180	270
18-1	70	145	-
18-8	70	-	-
18-10	-	120	240
18-11	-	170	265
18-12	80	-	-
20-15	80	-	-
20-17	90	180	270
20-19	90	180	270
20-27	35	110	250
20-29	80	-	-
22-14	80	-	-
22-19	80	110	250
22-23	35	-	250
24-28	80	110	250
28-15	80	110	250
28-21	80	110	250

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Shell size	CA-COM Threaded D H_{12} CA00... CA20...	CA02...	d H_{13}	E-0,15	CA-COM-Ba D H_{12} CA00... CA20...
10SL	16,0	16,4	3,4	18,2	18,5
12S	19,1	16,4	3,4	20,6	21,7
14S	22,3	19,7	3,4	23,0	24,9
16S/16	25,5	22,9	3,4	24,6	27,7
18	28,7	26,1	3,4	27,0	31,1
20	31,8	29,5	3,4	29,4	34,5
22	35,0	32,7	3,4	31,8	37,8
24	38,2	36,0	3,9	34,9	41,3
28	44,5	42,0	3,9	39,7	47,1
32	50,9	48,3	4,6	44,5	53,8
36	57,2	53,1	4,6	49,2	60,0

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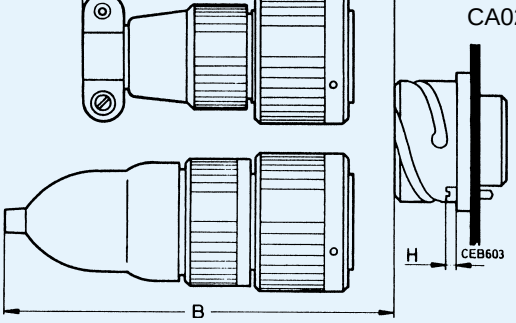
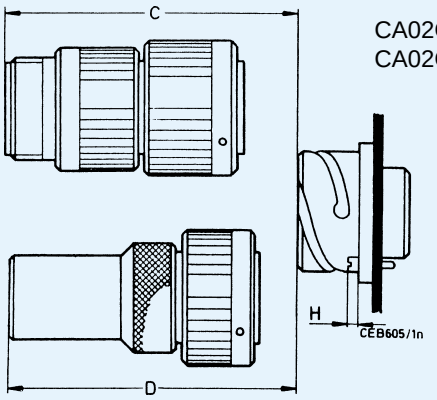
CA02COM-E-B



CA06COM-E-DN
CA06COM-E-B-03/-06

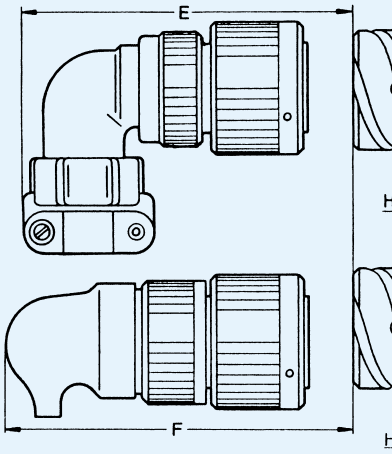
CA06COM-F
CA06COM-F-B



CA02COM-E
CA02COM-E-B

CA06COM-PG
CA06COM-PG-B

CA08COM-E
CA08COM-E-B



CA06COM-E-DN
CA06COM-E-B

CA0
CA2
CA0
CA2

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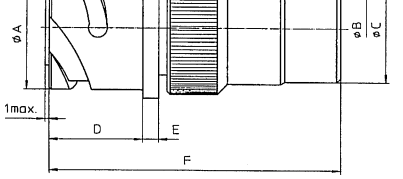
Shell size	A min	B min	C min	D min	E min
10SL	70	70	65	80	70
12S	70	75	65	80	75
14S	70	75	65	80	75
16S	70	90	65	80	65
16	80	100	70	100	90
18	80	100	70	110	95
20	80	100	70	110	95
22	80	100	70	110	95
24	110	120	90	120	105
28	110	120	90	120	105
32	110	180	90	120	115
36	110	190	100	130	120

CA00COM-PG-B is a wall mounting receptacle for usage of PG terminations. It mates with plugs **CA06COM-B** and **CA08COM-B.**

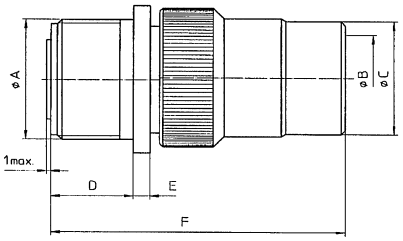


Part No. Pin insert*	A –0,15	B Thread	C max	D +0,4	E ± 0,2	F max	G ± 0,1	H ±
CA00COM-PG10SL-**-P*-B-	18,2	PG9	18	18,2	2,8	56	18,2	25
CA00COM-PG12S-**-P*-B-	21,4	PG9	18	18,2	3,2	56	20,6	28
CA00COM-PG14S-**-P*-B-	24,6	PG11	22	18,2	3,2	56	23,0	30
CA00COM-PG16S-**-P*-B-	27,4	PG13,5	24	18,2	3,2	58	24,6	32
CA00COM-PG16-**-P*-B-	27,4	PG13,5	24	21,5	3,2	66	24,6	32
CA00COM-PG18-**-P*-B-	30,8	PG13,5	25	23,05	4,0	73	27,0	35
CA00COM-PG20-**-P*-B-	34,2	PG16	27	23,05	4,0	74	29,4	38
CA00COM-PG22-**-P*-B-	37,4	PG16	27	23,05	4,0	77	31,8	41
CA00COM-PG24-**-P*-B-	40,9	PG16	27	23,05	4,0	77	34,9	44
CA00COM-PG28-**-P*-B-	46,7	PG21	32	24,05	4,0	78	39,7	50
CA00COM-PG32-**-P*-B-	53,4	PG29	41	24,05	4,0	78	44,5	57
CA00COM-PG36-**-P*-B-	59,6	PG29	41	24,05	4,0	89	49,2	63

CA00COM-PG

with threaded coupling

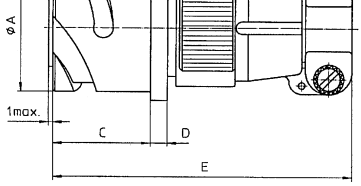
CA00COM-PG is a wall mounting receptacle for usage of PG terminations. It mates with plugs **CA06COM** and **CA08COM**.



Part No. Pin insert*	A Thread	B Thread	C max	D +0,4	E ± 0,3	F max	G ± 0,1	H ± 0,
CA00COM-PG10SL-**-P*	5/8-24UNEF-2A	PG9	18	14,2	2,8	52	18,2	25,4
CA00COM-PG12S-**-P*	3/4-20UNEF-2A	PG9	19	14,2	3,2	52	20,6	28,0
CA00COM-PG14S-**-P*	7/8-20UNEF-2A	PG11	22	14,2	3,2	52	23,0	30,0
CA00COM-PG16S-**-P*	1-20UNEF-2A	PG13,5	24	14,2	3,2	54	24,6	32,5
CA00COM-PG16-**-P*	1-20UNEF-2A	PG13,5	24	19,0	3,2	64	24,6	32,5
CA00COM-PG18-**-P*	1-1/8-18UNEF-2A	PG13,5	25	19,0	4,0	69	27,0	35,0
CA00COM-PG20-**-P*	1-1/4-18UNEF-2A	PG16	27	19,0	4,0	70	29,4	38,0
CA00COM-PG22-**-P*	1-3/8-18UNEF-2A	PG16	27	19,0	4,0	73	31,8	41,0
CA00COM-PG24-**-P*	1-1/2-18UNEF-2A	PG16	27	20,6	4,0	74	34,9	44,5
CA00COM-PG28-**-P*	1-3/4-18UNS-2A	PG21	32	20,6	4,0	74	39,7	50,8
CA00COM-PG32-**-P*	2-18UNS-2A	PG29	41	22,2	4,0	76	44,5	57,0
CA00COM-PG36-**-P*	2-1/4-16UN-2A	PG29	41	22,2	4,0	87	49,2	63,5

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

CA00COM-B is a wall mounting receptacle with endbell and cable clamp. It mates with plugs **CA06COM-B** and **CA08COM-B.**

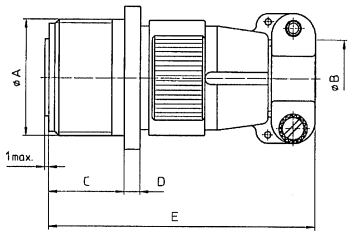


Part No. Pin Insert*	A –0,15	B[1)] +0,4	C +0,4	D +0,2	E max	F ± 0,1	G ±
CA00COM-E10SL-**-P*-B-	18,2	7,9	18,2	2,8	57	18,2	2
CA00COM-E12S-**-P*-B-	21,4	7,9	18,2	3,2	57	20,6	2
CA00COM-E14S-**-P*-B-	24,6	11,1	18,2	3,2	59	23,0	3
CA00COM-E16S-**-P*-B-	27,4	14,2	18,2	3,2	60	24,6	3
CA00COM-E16-**-P*-B-	27,4	14,2	21,5	3,2	68	24,6	3
CA00COM-E18-**-P*-B-	30,8	15,8	23,05	4,0	72	27,0	3
CA00COM-E20-**-P*-B-	34,2	19,0	23,05	4,0	72	29,4	3
CA00COM-E22-**-P*-B-	37,4	19,0	23,05	4,0	72	31,8	4
CA00COM-E24-**-P*-B-	40,9	23,7	23,05	4,0	78	34,9	4
CA00COM-E28-**-P*-B-	46,7	23,7	24,05	4,0	79	39,7	5
CA00COM-E32-**-P*-B-	53,4	31,8	24,05	4,0	78	44,5	5
CA00COM-E36-**-P*-B-	59,6	34,6	24,05	4,0	78	49,2	6

CA00COM-E

with threaded coupling

CA00COM-E is a wall mounting receptacle with endbell and cable clamp. It mates with plugs **CA06COM** and **CA08COM**.



Part No. Pin Insert*	A Thread	B[1)] +0,4	C ± 0,3	D max	E ± 0,1	F ± 0,
CA00COM-E10SL-**-P*	5/8-24UNEF-2A	7,9	14,2	2,8	53	18,
CA00COM-E12S-**-P*	3/4-20UNEF-2A	7,9	14,2	3,2	53	20,
CA00COM-E14S-**-P*	7/8-20UNEF-2A	11,1	14,2	3,2	55	23,
CA00COM-E16S-**-P*	1-20UNEF-2A	14,2	14,2	3,2	56	24,
CA00COM-E16-**-P*	1-20UNEF-2A	14,2	19,0	3,2	66	24,
CA00COM-E18-**-P*	1-1/8-18UNEF-2A	15,8	19,0	4,0	68	27,
CA00COM-E20-**-P*	1-1/4-18UNEF-2A	19,0	19,0	4,0	68	29,
CA00COM-E22-**-P*	1-3/8-18UNEF-2A	19,0	19,0	4,0	68	31,
CA00COM-E24-**-P*	1-1/2-18UNEF-2A	23,7	20,6	4,0	76	34,
CA00COM-E28-**-P*	1-3/4-18UNS-2A	23,7	20,6	4,0	76	39,
CA00COM-E32-**-P*	2-18UNS-2A	31,8	22,2	4,0	76	44,
CA00COM-E36-**-P*	2-1/4-16UN-2A	34,6	22,2	4,0	76	49,

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

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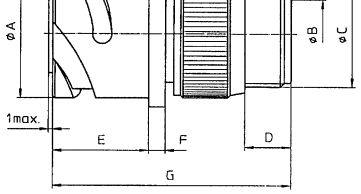
Cannon ITT Industries

CA00COM-F1B is a wall mounting receptacle with endbell for flex tubes. It mates with plugs **CA06COM-B** and **CA08COM-B.**

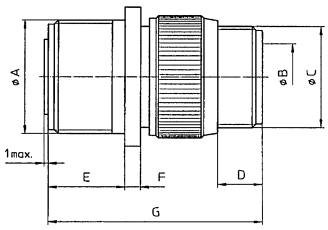


Part No. Pin insert*	A –0,15	B[1)]	C Thread	D min	E +0,4	F ± 0,2	G max	H ± 0,1
CA00COM-F10SL-**P*-B-	18,2	8,2	5/8-24UNEF-2A	9,5	18,2	2,8	50	18,2
CA00COM-F12S-**P*-B-	21,4	8,2	5/8-24UNEF-2A	9,5	18,2	3,2	50	20,6
CA00COM-F14S-**P*-B-	24,6	11,1	3/4-20UNEF-2A	9,5	18,2	3,2	50	23,0
CA00COM-F16S-**P*-B-	27,4	14,3	7/8-20UNEF-2A	9,5	18,2	3,2	50	24,6
CA00COM-F16-**P*-B-	27,4	14,3	7/8-20UNEF-2A	9,5	21,5	3,2	57	24,6
CA00COM-F18-**P*-B-	30,8	16,7	1-20UNEF-2A	9,5	23,05	4,0	59	27,0
CA00COM-F20-**P*-B-	34,2	19,8	1-3/16-18UNEF-2A	9,5	23,05	4,0	59	29,4
CA00COM-F22-**P*-B-	37,4	19,8	1-3/16-18UNEF-2A	9,5	23,05	4,0	62	31,8
CA00COM-F24-**P*-B-	40,9	25,4	1-7/16-18UNEF-2A	9,5	23,05	4,0	62	34,9
CA00COM-F28-**P*-B-	46,7	27,0	1-7/16-18UNEF-2A	9,5	24,05	4,0	64	39,7
CA00COM-F32-**P*-B-	53,4	32,5	1-3/4-18UNS-2A	11,0	24,05	4,0	64	44,5
CA00COM-F36-**P*-B-	59,6	35,7	2-18UNS-2A	11,8	24,05	4,0	66	49,2

CA00COM-F

with threaded coupling

CA00COM-F is a wall mounting receptacle with endbell for flex tubes. It mates with plugs **CA06COM** and **CA08COM**.



Part No. Pin Insert*	A Thread	B[1)]	C Thread	D min	E +0,4	F ± 0,3	G max	H ± 0,1
CA00COM-F10SL-**-P*	5/8-24UNEF-2A	8,2	5/8-24UNEF-2A	9,5	14,2	2,8	45	18,2
CA00COM-F12S-**-P*	3/4-20UNEF-2A	8,2	5/8-24UNEF-2A	9,5	14,2	3,2	45	20,6
CA00COM-F14S-**-P*	7/8-20UNEF-2A	11,1	3/4-20UNEF-2A	9,5	14,2	3,2	45	23,0
CA00COM-F16S-**-P*	1-20UNEF-2A	14,3	7/8-20UNEF-2A	9,5	14,2	3,2	45	24,6
CA00COM-F16-**-P*	1-20UNEF-2A	14,3	7/8-20UNEF-2A	9,5	19,0	3,2	54	24,6
CA00COM-F18-**-P*	1-1/8-18UNEF-2A	16,7	1-20UNEF-2A	9,5	19,0	4,0	54	27,0
CA00COM-F20-**-P*	1-1/4-18UNEF-2A	19,8	1-3/16-18UNEF-2A	9,5	19,0	4,0	55	29,4
CA00COM-F22-**-P*	1-3/8-18UNEF-2A	19,8	1-3/16-18UNEF-2A	9,5	19,0	4,0	58	31,8
CA00COM-F24-**-P*	1-1/2-18UNEF-2A	25,4	1-7/16-18UNEF-2A	9,5	20,6	4,0	59	34,9
CA00COM-F28-**-P*	1-3/4-18UNS-2A	27,0	1-7/16-18UNEF-2A	9,5	20,6	4,0	60	39,7
CA00COM-F32-**-P*	2-18UNS-2A	32,5	1-3/4-18UNS-2A	11,0	22,2	4,0	62	44,5
CA00COM-F36-**-P*	2-1/4-16UN-2A	35,7	2-18UNS-2A	11,8	22,2	4,0	64	49,2

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

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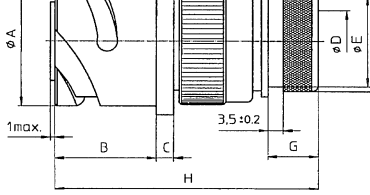
CA00COM-E-B/-03/-06 is a wall mounting receptacle (wire sealing) for heat shrink boots. It mates with plugs **CA06COM-B** and **CA08COM-B.**

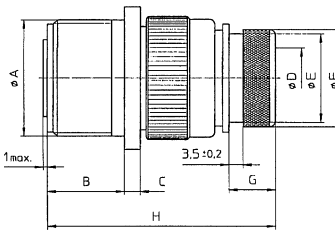


Part No. Pin Insert*	A –0,15	B +0,4	C ± 0,3	D[1)]	E max	F ± 0,2	G ± 0,5	H max	I ± 0
CA00COM-E10SL-**-P*-B-	18,2	18,2	2,8	7,7	13,3	15,5	11,7	53	18,
CA00COM-E12S-**-P*-B-	21,4	18,2	3,2	7,9	13,3	15,5	11,7	53	20,
CA00COM-E14S-**-P*-B-	24,6	18,2	3,2	10,6	17,0	19,1	11,7	53	23,
CA00COM-E16S-**-P*-B-	27,4	18,2	3,2	13,5	21,9	23,9	11,7	53	24,
CA00COM-E16-**-P*-B-	27,4	21,5	3,2	13,5	21,9	23,9	11,5	61	24,
CA00COM-E18-**-P*-B-	30,8	23,05	4,0	14,6	21,9	23,9	11,5	62	27,
CA00COM-E20-**-P*-B-	34,2	23,05	4,0	18,7	26,2	29,6	12,7	64	29,
CA00COM-E22-**-P*-B-	37,4	23,05	4,0	20,8	26,2	29,6	12,7	64	31,
CA00COM-E24-**-P*-B-	40,9	23,05	4,0	24,6	34,5	37,8	12,7	64	34,
CA00COM-E28-**-P*-B-	45,7	24,05	4,0	27,0	34,5	37,8	12,7	66	39,
CA00COM-E32-**-P*-B-	53,4	24,05	4,0	33,3	43,6	47,8	15,2	69	44,
CA00COM-E36-**-P*-B-	59,6	24,05	4,0	38,5	43,6	47,8	15,2	70	49,

CA00COM-E-DN

with threaded coupling

CA00COM-E-DN is a wall mounting receptacle with endbell (wire sealing) for heat shrink boots. It mates with plugs **CA06COM** and **CA08COM.**

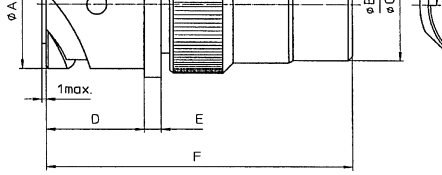


Part No. Pin Insert*	A Thread	B +0,4	C ± 0,3	D[1)]	E max	F ± 0,2	G ± 0,5	H max
CA00COM-E10SL-**-P*-DN	5/8-24UNEF-2A	14,2	2,8	7,7	13,3	15,5	11,7	49
CA00COM-E12S-**-P*-DN	3/4-20UNEF-2A	14,2	3,2	7,9	13,3	15,5	11,7	49
CA00COM-E14S-**-P*-DN	7/8-20UNEF-2A	14,2	3,2	10,6	17,0	19,1	11,7	49
CA00COM-E16S-**-P*-DN	1-20UNEF-2A	14,2	3,2	13,5	21,9	23,9	11,7	49
CA00COM-E16-**-P*-DN	1-20UNEF-2A	19,0	3,2	13,5	21,9	23,9	11,5	58
CA00COM-E18-**-P*-DN	1-1/8-18UNEF-2A	19,0	4,0	14,6	21,9	23,9	11,5	58
CA00COM-E20-**-P*-DN	1-1/4-18UNEF-2A	19,0	4,0	14,6	26,2	23,9	12,7	60
CA00COM-E22-**-P*-DN	1-3/8-18UNEF-2A	19,0	4,0	20,8	26,2	29,6	12,7	60
CA00COM-E24-**-P*-DN	1-1/2-18UNEF-2A	20,6	4,0	24,6	34,5	37,8	12,7	63
CA00COM-E28-**-P*-DN	1-3/4-18UNS-2A	20,6	4,0	27,0	34,5	37,8	12,7	63
CA00COM-E32-**-P*-DN	2-18UNS-2A	22,2	4,0	33,3	43,6	47,8	15,2	67
CA00COM-E36-**-P*-DN	2-1/4-16UN-2A	22,2	4,0	38,5	43,6	47,8	15,2	68

* For socket inserts substitute “S” for “P”
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

Cannon ITT Industries

CA01COM-PG-B is a cable connecting plug for usage of PG terminations. It mates with plugs **CA06COM-B** and **CA08COM-B.**

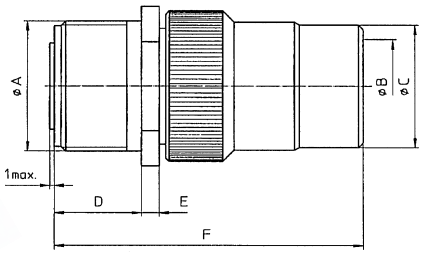


Part No. Pin Insert*	A –0,15	B Thread	C max	D +0,4	E ± 0,2	F max	G max
CA01COM-PG10SL-**-P*-B	18,2	PG9	18	18,2	2,8	56	25,2
CA01COM-PG12S-**-P*-B	21,4	PG9	19	18,2	3,2	56	27,8
CA01COM-PG14S-**-P*-B	24,6	PG11	22	18,2	3,2	56	29,8
CA01COM-PG16S-**-P*-B	27,4	PG13,5	24	18,2	3,2	58	32,3
CA01COM-PG16-**-P*-B	27,4	PG13,5	24	18,2	3,2	66	32,3
CA01COM-PG18-**-P*-B	30,8	PG13,5	25	23,05	4,0	73	34,8
CA01COM-PG20-**-P*-B	34,2	PG16	27	23,05	4,0	74	37,8
CA01COM-PG22-**-P*-B	37,4	PG16	27	23,05	4,0	77	41,1
CA01COM-PG24-**-P*-B	40,9	PG16	27	23,05	4,0	77	44,6
CA01COM-PG28-**-P*-B	46,7	PG21	32	24,05	4,0	78	50,9
CA01COM-PG32-**-P*-B	53,4	PG29	41	24,05	4,0	78	57,1
CA01COM-PG36-**-P*-B	59,6	PG29	41	24,05	4,0	89	63,6

CA01COM-PG

with threaded coupling

CA01COM-PG is a cable connecting plug for usage of PG terminations. It mates with plugs **CA06COM** and **CA08COM.**



Part No. Pin Insert*	A Thread	B Thread	C max	D +0,4	E ± 0,3	F max	G max
CA01COM-PG10SL-**-P*	5/8-24UNEF-2A	PG9	18	14,2	2,8	52	21,8
CA01COM-PG12S-**-P*	3/4-20UNEF-2A	PG9	19	14,2	3,2	52	25,0
CA01COM-PG14S-**-P*	7/8-20UNEF-2A	PG11	22	14,2	3,2	52	28,2
CA01COM-PG16S-**-P*	1-20UNEF-2A	PG13,5	24	14,2	3,2	54	31,4
CA01COM-PG16-**-P*	1-20UNEF-2A	PG13,5	24	19,0	3,2	64	31,4
CA01COM-PG18-**-P*	1-1/8-18UNEF-2A	PG13,5	25	19,0	4,0	69	34,5
CA01COM-PG20-**-P*	1-1/4-18UNEF-2A	PG16	27	19,0	4,0	70	37,7
CA01COM-PG22-**-P*	1-3/8-18UNEF-2A	PG16	27	19,0	4,0	73	40,9
CA01COM-PG24-**-P*	1-1/2-18UNEF-2A	PG16	27	20,6	4,0	74	43,8
CA01COM-PG28-**-P*	1-3/4-18UNS-2A	PG21	32	20,6	4,0	74	50,4
CA01COM-PG32-**-P*	2-18UNS-2A	PG29	41	22,2	4,0	76	56,8
CA01COM-PG36-**-P*	2-1/4-16UN-2A	PG29	41	22,2	4,0	87	63,1

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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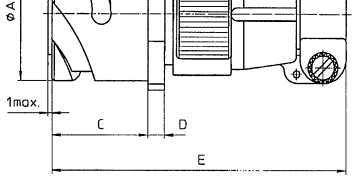
CA01COM-E-B is a cable connecting plug with endbell and cable clamp. It mates with plugs **CA06COM-B** and **CA08COM-B.**

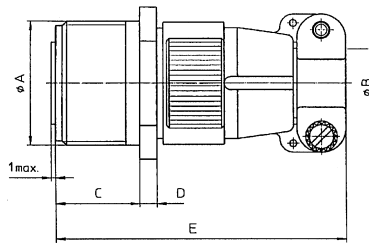


Part No. Pin insert*	A –0,15	B[1)]	C +0,4	D ± 0,2	E max	F max
CA01COM-E10SL-**-P*-B	18,2	7,9	18,2	2,8	57	25,2
CA01COM-E-12S**-P*-B	21,4	7,9	18,2	3,2	57	27,8
CA01COM-E14S-**-P*-B	24,6	11,1	18,2	3,2	59	29,8
CA01COM-E16S-**-P*-B	27,4	14,2	18,2	3,2	60	32,3
CA01COM-E16-**-P*-B	27,4	14,2	21,5	3,2	68	32,3
CA01COM-E18-**-P*-B	30,8	15,8	23,05	4,0	72	34,8
CA01COM-E20-**-P*-B	34,2	19,0	23,05	4,0	72	37,8
CA01COM-E22**-P*-B	37,4	19,0	23,05	4,0	72	41,1
CA01COM-E24-**-P*-B	40,9	23,7	23,05	4,0	78	44,6
CA01COM-E28-**-P*-B	46,7	23,7	24,05	4,0	79	50,9
CA01COM-E32-**-P*-B	53,4	31,8	24,05	4,0	78	57,1
CA01COM-E36-**-P*-B	59,6	34,6	24,05	4,0	78	63,6

CA01COM-E

with threaded coupling

CA01COM-E is a cable connecting plug with endbell and cable clamp. It mates with plugs **CA06COM** and **CA08COM.**

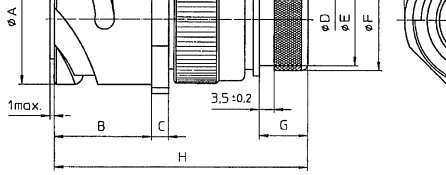


Part No. Pin Insert*	A Thread	B[1)]	C +0,4	D ± 0,3	E max
CA01COM-E10SL-**-P*	5/8-24UNEF-2A	7,9	14,2	2,8	53
CA01COM-E12S-**-P*	3/4-20UNEF-2A	7,9	14,2	3,2	53
CA01COM-E14S-**-P*	7/8-20UNEF-2A	11,1	14,2	3,2	55
CA01COM-E16S-**-P*	1-20UNEF-2A	14,2	14,2	3,2	56
CA01COM-E16-**-P*	1-20UNEF-2A	14,2	19,0	3,2	66
CA01COM-E18-**-P*	1-1/8-18UNEF-2A	15,8	19,0	4,0	68
CA01COM-E20-**-P*	1-1/4-18UNEF-2A	19,0	19,0	4,0	68
CA01COM-E22-**-P*	1-3/8-18UNEF-2A	19,0	19,0	4,0	68
CA01COM-E24-**-P*	1-1/2-18UNEF-2A	23,7	20,6	4,0	76
CA01COM-E28-**-P*	1-3/4-18UNS-2A	23,7	20,6	4,0	76
CA01COM-E32-**-P*	2-18UNS-2A	31,8	22,2	4,0	76
CA01COM-E36-**-P*	2-1/4-16UN-2A	34,6	22,2	4,0	76

* For socket inserts substitute “S” for “P”
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

Cannon ITT Industries

CA01COM-E-B/-03/-06 is a cable connecting plug with endbell (wire sealing) for heat shrink boots. It mates with plugs **CA06COM-B** and **CA08COM-B.**

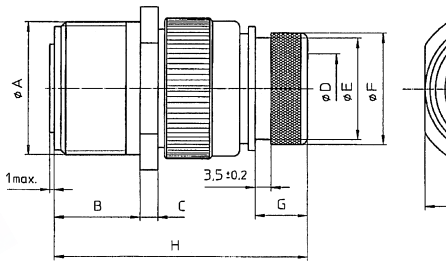


Part No. Pin insert*	A –0,15	B +0,4	C ± 0,3	D[1)]	E max	F ± 0,2	G ± 0,5	H max	I max
CA01COM-E10SL-**-P*-B-	18,2	18,2	2,8	7,7	13,3	15,5	11,7	53	25,2
CA01COM-E12S-**-P*-B-	21,4	18,2	3,2	7,9	13,3	15,5	11,7	53	27,8
CA01COM-E14S-**-P*-B-	24,6	18,2	3,2	10,6	17,0	19,1	11,7	53	29,8
CA01COM-E16S-**-P*-B-	27,4	18,2	3,2	13,5	21,9	23,9	11,7	53	32,3
CA01COM-E16-**-P*-B-	27,4	21,5	3,2	13,5	21,9	23,9	11,5	61	32,3
CA01COM-E18-**-P*-B-	30,8	23,05	4,0	14,6	21,9	23,9	11,5	62	34,8
CA01COM-E20-**-P*-B-	34,2	23,05	4,0	18,7	26,2	29,6	12,7	64	37,8
CA01COM-E22-**-P*-B-	37,4	23,05	4,0	20,8	26,2	29,6	12,7	64	41,1
CA01COM-E24-**-P*-B-	40,9	23,05	4,0	24,6	34,5	37,8	12,7	64	44,6
CA01COM-E28-**-P*-B-	46,7	24,05	4,0	27,0	34,5	37,8	12,7	66	50,9
CA01COM-E32-**-P*-B-	53,4	24,05	4,0	33,3	43,6	47,8	15,2	69	57,1
CA01COM-E36-**-P*-B-	59,6	24,05	4,0	38,5	43,6	47,8	15,2	70	63,6

CA01COM-E-DN

with threaded coupling

CA01COM-E-DN is a cable connecting plug with endbell (wire sealing) for heat shrink boots. It mates with plugs **CA06COM** and **CA08COM.**



Part No. Pin insert*	A Thread	B ± 0,3	C ± 0,3	D[1)] max	E ± 0,2	F ± 0,5	G max	H max
CA01COM-E10SL-**-P*-DN	5/8-24UNEF-2A	14,2	2,8	7,7	13,3	15,5	11,7	49
CA01COM-E12S-**-P*-DN	3/4-20UNEF-2A	14,2	3,2	7,9	13,3	15,5	11,7	49
CA01COM-E14S-**-P*-DN	7/8-20UNEF-2A	14,2	3,2	10,6	17,0	19,1	11,7	49
CA01COM-E16S-**-P*-DN	1-20UNEF-2A	14,1	3,2	13,5	21,9	23,9	11,7	49
CA01COM-E16-**-P*-DN	1-20UNEF-2A	19,0	3,2	13,5	21,9	23,9	11,5	58
CA01COM-E18-**-P*-DN	1-1/8-18UNEF-2A	19,0	4,0	14,6	21,9	23,9	11,5	58
CA01COM-E20-**-P*-DN	1-1/4-18UNEF-2A	19,0	4,0	18,7	26,2	29,6	12,7	60
CA01COM-E22-**-P*-DN	1-3/8-18UNEF-2A	19,0	4,0	20,8	26,2	29,6	12,7	60
CA01COM-E24-**-P*-DN	1-1/2-18UNEF-2A	20,6	4,0	24,6	34,5	37,8	12,7	63
CA01COM-E28-**-P*-DN	1-3/4-18UNS-2A	20,6	4,0	27,0	34,5	37,8	12,7	63
CA01COM-E32-**-P*-DN	2-18UNS-2A	22,2	4,0	33,3	43,6	47,8	15,2	67
CA01COM-E36-**-P*-DN	2-1/4-16UN-2A	22,2	4,0	38,5	43,6	47,8	15,2	68

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

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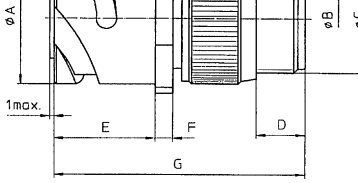
CA01COM-F-B is a cable connecting plug for flex tube. It mates with plugs **CA06COM-B** and **CA08COM-B.**

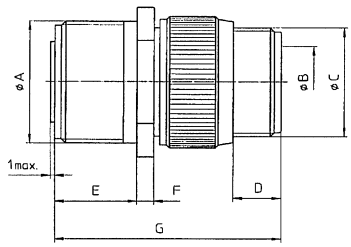


Part No. Pin Insert*	A –0,15	B[1]	C Thread	D min	E +0,4	F ± 0,2	G max
CA01COM-F10SL-**-P*-B	18,2	8,2	5/8-24UNEF-2A	9,5	18,2	2,8	50
CA01COM-F12S-**-P*-B	18,2	8,2	5/8-24UNEF-2A	9,5	18,2	3,2	50
CA01COM-F14S-**-P*-B	24,6	11,1	3/4-20UNEF-2A	9,5	18,2	3,2	50
CA01COM-F16S-**-P*-B	27,4	14,3	7/8-20UNEF-2A	9,5	18,2	3,2	50
CA01COM-F16-**-P*-B	27,4	14,3	7/8-20UNEF-2A	9,5	21,5	3,2	57
CA01COM-F18-**-P*-B	30,8	16,7	1-20UNEF-2A	9,5	23,05	4,0	59
CA01COM-F20-**-P*-B	34,2	19,8	1-3/16-18UNEF-2A	9,5	32,05	4,0	59
CA01COM-F22-**-P*-B	37,4	19,8	1-3/16-18UNEF-2A	9,5	32,05	4,0	62
CA01COM-F24-**-P*-B	40,9	25,4	1-7/16-18UNEF	9,5	23,05	4,0	62
CA01COM-F28-**-P*-B	46,7	27,0	1-7/16-18UNEF	9,5	24,05	4,0	64
CA01COM-F32-**-P*-B	53,4	32,5	1-3/4-18UNS-2A	11,0	24,05	4,0	64
CA01COM-F36-**-P*-B	59,6	35,7	2-18UNS-2A	11,8	24,05	4,0	66

CA01COM-F

with threaded coupling

CA01COM-F is a cable connecting plug for flex tube. It mates with plugs **CA06COM** and **CA08COM.**



Part No. Pin Insert*	A Thread	B[1]	C Thread	D min	E +0,4	F ± 0,3	G max
CA01COM-F10SL-**-P*	5/8-24UNEF-2A	8,2	5/8-24UNEF-2A	9,5	14,2	2,8	45
CA01COM-F12S-**-P*	3/4-20UNEF-2A	8,2	5/8-24UNEF-2A	9,5	14,2	3,2	45
CA01COM-F14S-**-P*	7/8-20UNEF-2A	11,1	3/4-20UNEF-2A	9,5	14,2	3,2	45
CA01COM-F16S-**-P*	1-20UNEF-2A	14,3	7/8-20UNEF-2A	9,5	14,2	3,2	45
CA01COM-F16-**-P*	1-20UNEF-2A	14,3	7/8-20UNEF-2A	9,5	14,2	3,2	54
CA01COM-F18-**-P*	1-1/8-18UNEF-2A	16,7	1-20UNEF-2A	9,5	19,0	4,0	54
CA01COM-F20-**-P*	1-1/4-18UNEF-2A	19,8	1-3/16-18UNEF-2A	9,5	19,0	4,0	55
CA01COM-F22-**-P*	1-3/8-18UNEF-2A	19,8	1-3/16-18UNEF-2A	9,5	20,6	4,0	58
CA01COM-F24-**-P*	1-1/2-18UNEF-2A	25,4	1-7/16-18UNEF-2A	9,5	20,6	4,0	59
CA01COM-F28-**-P*	1-3/4-18UNS-2A	27,0	1-7/16-18UNEF-2A	9,5	20,6	4,0	60
CA01COM-F32-**-P*	2-18UNS-2A	32,5	1-3/4-18UNS-2A	11,0	22,2	4,0	62
CA01COM-F36-**-P*	2-1/4-16UN-2A	35,7	2-18UNS-2A	11,8	22,2	4,0	64

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)
[1]) max cable dia

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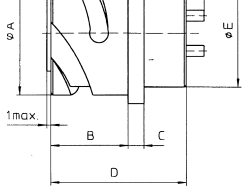
CA02COM-E-B is a box mounting receptacle for front panel mounting. It mates with plugs **CA06COM-B** and **CA08COM-B.**

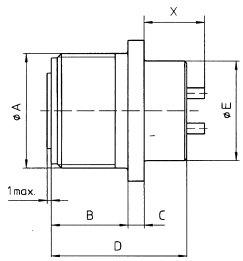


Part No. Pin Insert*	A –0,15	B +0,4	C ± 0,2	D ± 0,3	E max	F ± 0,1	G ± 0,3	H H_{13}	X / Conta 15
CA02COM-E10SL-**-P*-B	18,2	14,2	2,8	24,7	16,2	18,2	25,4	3,2	13,6
CA02COM-E12S-**-P*-B	21,4	14,2	3,2	24,7	16,2	20,6	28,0	3,2	13,2
CA02COM-E14S-**-P*-B	24,6	14,2	3,2	24,7	19,2	23,0	30,0	3,2	13,2
CA02COM-E16S-**-P*-B	27,4	14,2	3,2	24,7	22,4	24,6	32,5	3,2	13,2
CA02COM-E16-**-P*-B	27,4	19,0	3,2	33,8	22,4	24,6	32,5	3,2	17,9
CA02COM-E18-**-P*-B	30,8	19,0	4,0	33,8	25,6	27,0	35,0	3,2	17,1
CA02COM-E20-**-P*-B	34,2	19,0	4.0	33,8	29,0	29,4	38,0	3,2	17,1
CA02COM-E22-**-P*-B	37,4	19,0	4,0	33,8	32,2	31,8	41,0	3,2	17,1
CA02COM-E24-**-P*-B	40,9	20,6	4,0	33,8	35,3	34,9	44,5	3,7	15,5
CA02COM-E28-**-P*-B	46,7	20,6	4,0	33,8	41,4	39,7	50,8	3,7	15,5
CA02COM-E32-**-P*-B	53,4	22,2	4,0	33,8	47,8	44,5	57,0	4,3	13,9
CA02COM-E36-**-P*-B	59,6	22,2	4,0	33,8	52,6	49,2	63,5	4,3	13,9

CA02COM-E

with threaded coupling

CA02COM-E is a box mounting receptacle for front panel mounting. It mates with plugs **CA06COM** and **CA08COM**.



Part No. Pin Insert*	A Thread	B +0,4	C ± 0,3	D max	E max	F ± 0,1	G ± 0,3	H +0,2	X 15
CA02COM-E10SL-**-P*	5/8-24UNEF-2A	14,2	2,8	25,1	15,9	18,2	25,4	3,1	13
CA02COM-E12S-**-P*	3/4-20UNEF-2A	14,2	3,2	25,1	15,9	20,6	28,0	3,1	13
CA02COM-E14S-**-P*	7/8-20UNEF-2A	14,2	3,2	25,1	19,0	23,0	30,0	3,1	13
CA02COM-E16S-**-P*	1-20UNEF-2A	14,2	3,2	25,1	22,2	24,6	32,5	3,1	13
CA02COM-E16-**-P*	1-20UNEF-2A	19,0	3,2	34,2	22,2	24,6	32,5	3,1	17
CA02COM-E18-**-P*	1-1/8-18UNEF-2A	19,0	4,0	34,2	25,4	27,0	35,0	3,1	17
CA02COM-E20-**-P*	1-1/4-18UNEF-2A	19,0	4,0	34,2	29,0	29,4	38,0	3,1	17
CA02COM-E22-**-P*	1-3/8-18UNEF-2A	19,0	4,0	34,2	32,2	31,8	41,0	3,1	17
CA02COM-E24-**-P*	1-1/2-18UNEF-2A	20,6	4,0	34,2	35,3	34,9	44,5	3,7	15
CA02COM-E28-**-P*	1-3/4-18UNEF-2A	20,6	4,0	34,2	41,2	39,7	50,8	3,7	15
CA02COM-E32-**-P*	2-18UNS-2A	22,2	4,0	34,2	47,6	44,5	57,0	4,4	13
CA02COM-E36-**-P*	2-1/4-16UN-2A	22,2	4,0	34,2	52,4	49,2	63,5	4,4	13

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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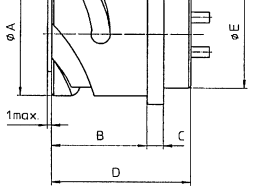
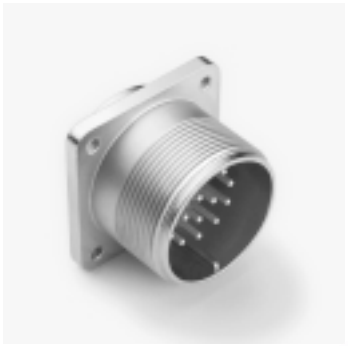
CA20COM-B is a box mounting receptacle for rear panel mounting. It mates with plugs **CA06COM-B** and **CA08COM-B.**



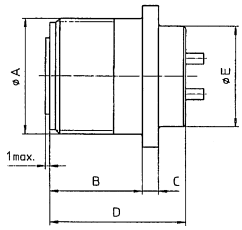
Part No. Pin Insert*	A –0,15	B +0,4	C ± 0,2	D ± 0,3	E max	F ± 0,1
CA20COM-E10SL-**-P*-B	18,2	18,2	2,8	24,7	16,2	18,2
CA20COM-E12S-**-P*-B	21,4	18,2	3,2	24,7	16,2	20,6
CA20COM-E14S-**-P*-B	24,6	18,2	3,2	24,7	19,2	23,0
CA20COM-E16S-**-P*-B	27,4	18,2	3,2	24,7	22,4	24,6
CA20COM-E16-**-P*-B	27,4	21,5	3,2	33,8	22,4	24,6
CA20COM-E18-**-P*-B	30,8	23,05	4,0	33,8	25,6	27,0
CA20COM-E20-**-P*-B	34,2	23,05	4,0	33,8	29,0	29,4
CA20COM-E22-**-P*-B	37,4	23,05	4,0	33,8	32,2	31,8
CA20COM-E24-**-P*-B	40,9	23,05	4,0	33,8	35,3	34,9
CA20COM-E28-**-P*-B	46,7	24,05	4,0	33,8	41,4	39,7
CA20COM-E32-**-P*-B	53,4	24,05	4,0	33,8	47,8	44,5
CA20COM-E36-**-P*-B	59,6	24,05	4,0	33,8	54,1	49,2



CA20COM-E

with threaded coupling

CA20COM-E is a box mounting receptacle for rear panel mounting. It mates with plugs **CA06COM** and **CA08COM**.



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Part No. Pin insert*	A Thread	B +0,4	C ± 0,3	D max	E max	F ± 0,1	G ± 0,3
CA20COM-E10SL-**-P*	5/8-24UNEF-2A	18,2	2,8	25,1	14,5	18,2	25,4
CA20COM-E12S-**-P*	3/4-20UNEF-2A	18,2	3,2	25,1	16,1	20,6	28,0
CA20COM-E14S-**-P*	7/8-20UNEF-2A	18,2	3,2	25,1	19,2	23,0	30,0
CA20COM-E16S-**-P*	1-20UNEF-2A	18,2	3,2	25,1	22,4	24,6	32,5
CA20COM-E16-**-P*	1-20UNEF-2A	21,5	3,2	34,2	22,4	24,6	32,5
CA20COM-E18-**-P*	1-1/8-18UNEF-2A	23,05	4,0	34,2	25,6	27,0	35,0
CA20COM-E20-**-P*	1-1/4-18UNEF-2A	23,05	4,0	34,2	29,0	29,4	38,0
CA20COM-E22-**-P*	1-3/8-18UNEF-2A	23,05	4,0	34,2	32,2	31,8	41,0
CA20COM-E24-**-P*	1-1/2-18UNEF-2A	24,05	4,0	34,2	35,3	34,9	44,5
CA20COM-E28-**-P*	1-3/4-18UNEF-2A	24,05	4,0	34,2	41,4	39,7	50,8
CA20COM-E32-**-P*	2-18UNS-2A	24,05	4,0	34,2	47,8	44,5	57,0
CA20COM-E36-**-P*	2-1/4-16UN-2A	24,05	4,0	34,2	54,1	49,2	63,5

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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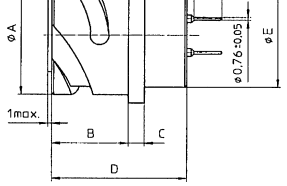
CA02COM-L-B is a box mounting receptacle for front panel mounting. It mates with plugs **CA06COM-B** and **CA08COM-B.**

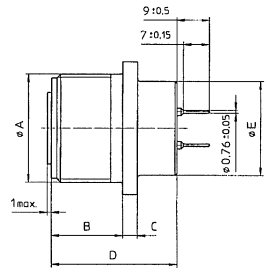


Part No. Pin Insert*	A –0,15	B +0,4	C ± 0,2	D ± 0,3	E max	F ± 0,1
CA02COM-L10SL-**-P*-B	18,2	14,2	2,8	24,7	16,2	18,2
CA02COM-L12S-**-P*-B	21,4	14,2	3,2	24,7	16,2	20,6
CA02COM-L14S-**-P*-B	24,6	14,2	3,2	24,7	19,2	23,0
CA02COM-L16S-**-P*-B	27,4	14,2	3,2	24,7	22,4	24,6
CA02COM-L16-**-P*-B	27,4	19,0	3,2	33,8	22,4	24,6
CA02COM-L18-**-P*-B	30,8	19,0	4,0	33,8	25,6	27,0
CA02COM-L20-**-P*-B	34,2	19,0	4.0	33,8	29,0	29,4
CA02COM-L22-**-P*-B	37,4	19,0	4,0	33,8	32,2	31,8
CA02COM-L24-**-P*-B	40,9	20,6	4,0	33,8	35,3	34,9
CA02COM-L28-**-P*-B	46,7	20,6	4,0	33,8	41,4	39,7
CA02COM-L32-**-P*-B	53,4	22,2	4,0	33,8	47,8	44,5
CA02COM-L36-**-P*-B	59,6	22,2	4,0	33,8	52,6	49,2

CA02COM-L

with threaded coupling

CA02COM-L is a box mounting receptacle for front panel mounting. It mates with plugs **CA06COM** and **CA08COM**.



Part No. Pin Insert*	A Thread	B +0,4	C ± 0,3	D max	E max	F ± 0,1	G ± 0,3
CA02COM-L10SL-**-P*	5/8-24UNEF-2A	14,2	2,8	25,1	15,9	18,2	25,4
CA02COM-L12S-**-P*	3/4-20UNEF-2A	14,2	3,2	25,1	15,9	20,6	28,0
CA02COM-L14S-**-P*	7/8-20UNEF-2A	14,2	3,2	25,1	19,0	23,0	30,0
CA02COM-L16S-**-P*	1-20UNEF-2A	14,2	3,2	25,1	22,2	24,6	32,5
CA02COM-L16-**-P*	1-20UNEF-2A	19,0	3,2	34,2	22,2	24,6	32,5
CA02COM-L18-**-P*	1-1/8-18UNEF-2A	19,0	4,0	34,2	25,4	27,0	35,0
CA02COM-L20-**-P*	1-1/4-18UNEF-2A	19,0	4,0	34,2	29,0	29,4	38,0
CA02COM-L22-**-P*	1-3/8-18UNEF-2A	19,0	4,0	34,2	32,2	31,8	41,0
CA02COM-L24-**-P*	1-1/2-18UNEF-2A	20,6	4,0	34,2	35,3	34,9	44,5
CA02COM-L28-**-P*	1-3/4-18UNEF-2A	20,6	4,0	34,2	41,2	39,7	50,8
CA02COM-L32-**-P*	2-18UNS-2A	22,2	4,0	34,2	47,6	44,5	57,0
CA02COM-L36-**-P*	2-1/4-16UN-2A	22,2	4,0	34,2	52,4	49,2	63,5

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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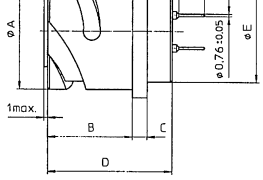
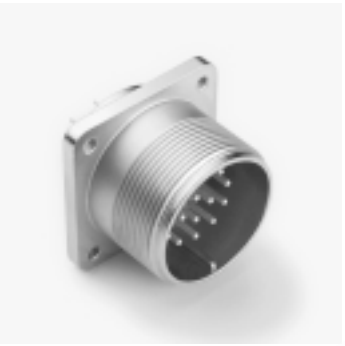
CA06COM-B is a box mounting receptacle for rear panel mounting. It mates with plugs **CA06COM-B** and **CA08COM-B.**



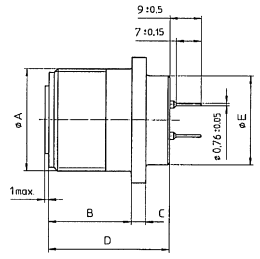
Part No. Pin Insert*	A –0,15	B +0,4	C ± 0,2	D ± 0,3	E max	F ± 0,1
CA20COM-L10SL-**-P*-B	18,2	18,2	2,8	24,7	16,2	18,2
CA20COM-L12S-**-P*-B	21,4	18,2	3,2	24,7	16,2	20,6
CA20COM-L14S-**-P*-B	24,6	18,2	3,2	24,7	19,2	23,0
CA20COM-L16S-**-P*-B	27,4	18,2	3,2	24,7	22,4	24,6
CA20COM-L16-**-P*-B	27,4	21,5	3,2	33,8	22,4	24,6
CA20COM-L18-**-P*-B	30,8	23,05	4,0	33,8	25,6	27,0
CA20COM-L20-**-P*-B	34,2	23,05	4,0	33,8	29,0	29,4
CA20COM-L22-**-P*-B	37,4	23,05	4,0	33,8	32,2	31,8
CA20COM-L24-**-P*-B	40,9	23,05	4,0	33,8	35,3	34,9
CA20COM-L28-**-P*-B	46,7	24,05	4,0	33,8	41,4	39,7
CA20COM-L32-**-P*-B	53,4	24,05	4,0	33,8	47,8	44,5
CA20COM-L36-**-P*-B	59,6	24,05	4,0	33,8	54,1	49,2



CA20COM-L

with threaded coupling

CA20COM-L is a box mounting receptacle for rear panel mounting. It mates with plugs **CA06COM** and **CA08COM.**



Part No. Pin insert*	A Thread	B +0,4	C ± 0,3	D max	E max	F ± 0,1	G ± 0,
CA20COM-L10SL-**-P*	5/8-24UNEF-2A	18,2	2,8	25,1	14,5	18,2	25,4
CA20COM-L12S-**-P*	3/4-20UNEF-2A	18,2	3,2	25,1	16,1	20,6	28,0
CA20COM-L14S-**-P*	7/8-20UNEF-2A	18,2	3,2	25,1	19,2	23,0	30,0
CA20COM-L16S-**-P*	1-20UNEF-2A	18,2	3,2	25,1	22,4	24,6	32,5
CA20COM-L16-**-P*	1-20UNEF-2A	21,5	3,2	34,2	22,4	24,6	32,5
CA20COM-L18-**-P*	1-1/8-18UNEF-2A	23,05	4,0	34,2	25,6	27,0	35,0
CA20COM-L20-**-P*	1-1/4-18UNEF-2A	23,05	4,0	34,2	29,0	29,4	38,0
CA20COM-L22-**-P*	1-3/8-18UNEF-2A	23,05	4,0	34,2	32,2	31,8	41,0
CA20COM-L24-**-P*	1-1/2-18UNEF-2A	24,05	4,0	34,2	35,3	34,9	44,5
CA20COM-L28-**-P*	1-3/4-18UNEF-2A	24,05	4,0	34,2	41,4	39,7	50,8
CA20COM-L32-**-P*	2-18UNS-2A	24,05	4,0	34,2	47,8	44,5	57,0
CA20COM-L36-**-P*	2-1/4-16UN-2A	24,05	4,0	34,2	54,1	49,2	63,5

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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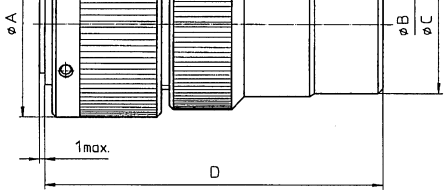
for usage of PG terminations.
It mates with receptacles
CA00COM-B, CA01COM-B and
CA02COM-E-B.

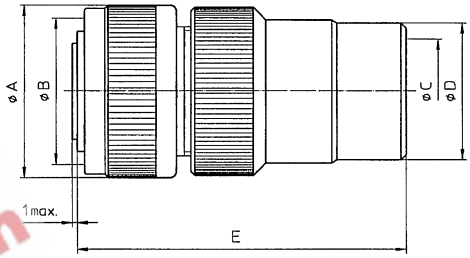


Part No. Pin Insert*	A max	B Thread	C max
CA06COM-PG10SL-**-P*-B	22,8	PG9	18
CA06COM-PG12S-**-P*-B	26,0	PG9	19
CA06COM-PG14S-**-P*-B	29,2	PG11	22
CA06COM-PG16S-**-P*-B	32,0	PG13,5	24
CA06COM-PG16-**-P*-B	32,0	PG13,5	24
CA06COM-PG18-**-P*-B	36,5	PG13,5	25
CA06COM-PG20-**-P*-B	39,9	PG16	27
CA06COM-PG22-**-P*-B	43,1	PG16	27
CA06COM-PG24-**-P*-B	46,6	PG16	27
CA06COM-PG28-**-P*-B	53,4	PG21	32
CA06COM-PG32-**-P*-B	60,1	PG29	41
CA06COM-PG36-**-P*-B	66,3	PG29	41

CA06COM-PG

with threaded coupling

CA06COM-PG is a straight plug
for usage of PG terminations.
It mates with receptacles
CA00COM, CA01COM and
CA02COM-E.



Part No. Pin Insert*	A max	B Thread	C Thread	D max
CA06COM-PG10SL-**-P*	24,1	5/8-24UNEF-2B	PG9	18
CA06COM-PG12S-**-P*	25,8	3/4-20UNEF-2B	PG9	19
CA06COM-PG14S-**-P*	28,8	7/8-20UNEF-2B	PG11	22
CA06COM-PG16S-**-P*	31,8	1-20UNEF-2B	PG13,5	24
CA06COM-PG16-**-P*	31,8	1-20UNEF-2B	PG13,5	24
CA06COM-PG18-**-P*	34,1	1-1/8-18UNEF-2B	PG13,5	25
CA06COM-PG20-**-P*	37,4	1-1/4-18UNEF-2B	PG16	27
CA06COM-PG22-**-P*	40,5	1-3/8-18UNEF-2B	PG16	27
CA06COM-PG24-**-P*	43,8	1-1/2-18UNEF-2B	PG16	27
CA06COM-PG28-**-P*	50,2	1-3/4-18UNS-2B	PG21	32
CA06COM-PG32-**-P*	56,4	2-18UNS-2B	PG29	41
CA06COM-PG36-**-P*	62,8	2-1/4-16UN-2B	PG29	41

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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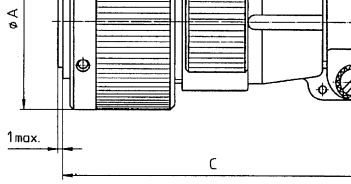
CA06COM-E-B is a straight plug with endbell and cable clamp. It mates with receptacles **CA00COM-B, CA01COM-B** and **CA02COM-E-B.**

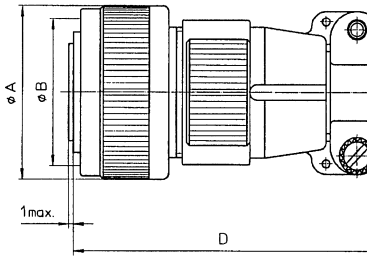


Part No. Pin Insert*	A max	B[1)]
CA06COM-E10SL-**-P*-B	22,8	7,9
CA06COM-E12S-**-P*-B	26,0	7,9
CA06COM-E14S-**-P*-B	29,2	11,1
CA06COM-E16S-**-P*-B	32,0	14,2
CA06COM-E16-**-P*-B	32,0	14,2
CA06COM-E18-**-P*-B	36,5	15,8
CA06COM-E20-**-P*-B	39,9	19,0
CA06COM-E22-**-P*-B	43,1	19,0
CA06COM-E24-**-P*-B	46,6	23,7
CA06COM-E28-**-P*-B	53,4	23,7
CA06COM-E32-**-P*-B	60,1	31,8
CA06COM-E36-**-P*-B	66,3	34,6

CA06COM-E

with threaded coupling

CA06COM-E is a straight plug with endbell and cable clamp. It mates with receptacles **CA00COM, CA01COM** and **CA02COM-E.**



Part No. Pin insert*	A max	B Thread	C[1)]
CA06COM-E10SL-**-P*	24,1	5/8-24UNEF-2B	7,9
CA06COM-E12S-**-P*	25,8	3/4-20UNEF-2B	7,9
CA06COM-E14S-**-P*	28,8	7/8-20UNEF-2B	11,1
CA06COM-E16S-**-P*	31,8	1-20UNEF-2B	14,2
CA06COM-E16-**-P*	31,8	1-20UNEF-2B	14,2
CA06COM-E18-**-P*	34,1	1-1/8-18UNEF-2B	15,8
CA06COM-E20-**-P*	37,4	1-1/4-18UNEF-2B	19,0
CA06COM-E22-**-P*	40,5	1-3/8-18UNEF-2B	19,0
CA06COM-E24-**-P*	43,8	1-1/2-18UNEF-2B	23,7
CA06COM-E28-**-P*	50,2	1-3/4-18UNS-2B	23,7
CA06COM-E32-**-P*	56,4	2-18UNS-2B	31,8
CA06COM-E36-**-P*	62,8	2-1/4-16UN-2B	34,6

* For socket inserts substitute “S” for “P”
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

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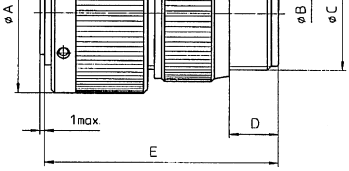
CA06COM-B is a straight plug with endbell for flex tubes. It mates with receptacles **CA00COM-B, CA01COM-B** and **CA02COM-E-B.**

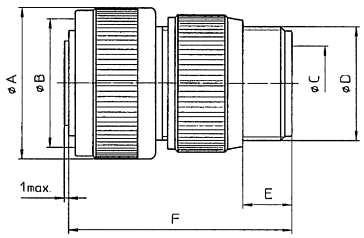


Part No. Pin Insert*	A max	B[1)]	C Thread	D min
CA06COM-F10SL-**-P*-B	22,8	8,2	5/8-24UNEF-2A	9,5
CA06COM-F12S-**-P*-B	26,0	8,2	5/8-24UNEF-2A	9,5
CA06COM-F14S-**-P*-B	29,2	11,1	3/4-20UNEF-2A	9,5
CA06COM-F16S-**-P*-B	32,0	14,3	7/8-20UNEF-2A	9,5
CA06COM-F16-**-P*-B	32,0	14,3	7/8-20UNEF-2A	9,5
CA06COM-F18-**-P*-B	36,5	16,7	1-20UNEF-2A	9,5
CA06COM-F20-**-P*-B	39,9	19,8	1-3/16-18UNEF-2A	9,5
CA06COM-F22-**-P*-B	43,1	19,8	1-3/16-18UNEF-2A	9,5
CA06COM-F24-**-P*-B	46,6	25,4	1-7/16-18UNEF-2A	9,5
CA06COM-F28-**-P*-B	53,4	27,0	1-7/16-18UNEF-2A	9,5
CA06COM-F32-**-P*-B	60,1	32,5	1-3/4-18UNS-2A	11,0
CA06COM-F36-**-P*-B	66,3	35,7	2-18UNS-2A	11,8

CA06COM-F

with threaded coupling

CA06COM-F is a straight plug with endbell for flex tubes. It mates with receptacles **CA00COM, CA01COM** and **CA02COM-E.**



Part No. Pin Insert*	A max	B Thread	C[1)]	D Thread	E min
CA06COM-F10SL-**-P*	24,1	5/8-24UNEF-2B	8,2	5/8-24UNEF-2A	9,5
CA06COM-F12S-**-P*	25,8	3/4-20UNEF-2B	8,2	5/8-24UNEF-2A	9,5
CA06COM-F14S-**-P*	28,8	7/8-20UNEF-2B	11,1	3/4-20UNEF-2A	9,5
CA06COM-F16S-**-P*	31,8	1-20UNEF-2B	14,3	7/8-20UNEF	9,5
CA06COM-F16-**-P*	31,8	1-20UNEF-2B	14,3	7/8-20UNEF	9,5
CA06COM-F18-**-P*	34,1	1-1/8-18UNEF-2B	16,7	1-20UNEF-2A	9,5
CA06COM-F20-**-P*	37,4	1-1/4-18UNEF-2B	19,8	1-3/16-18UNEF-2A	9,5
CA06COM-F22-**-P*	40,5	1-3/8-18UNEF-2B	19,8	1-3/16-18UNEF-2A	9,5
CA06COM-F24-**-P*	43,8	1-1/2-18UNEF-2B	25,4	1-7/16-18UNEF-2A	9,5
CA06COM-F28-**-P*	50,2	1-3/4-18UNS-2B	27,0	1-7/16-18UNEF-2A	9,5
CA06COM-F32-**-P*	56,4	2-18UNS-2B	32,5	1-3/4-18UNS-2A	11,0
CA06COM-F36-**-P*	62,8	2-1/4-16UN-2B	35,7	2-18UNS-2A	11,8

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

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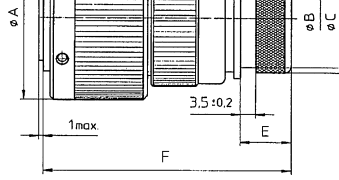
CA06COM-E-B/-05/-06 is a straight plug with endbell (wire sealing) for heat shrink boots. It mates with receptacles **CA00COM-B, CA01COM-B** and **CA02COM-E-B.**

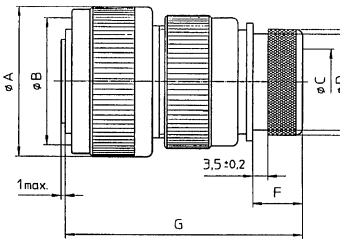


Part No. Pin Insert*	A max	B[1)]	C max	D ± 0,2	E ± 0,
CA06COM-E10SL-**-P*-B-	22,8	7,7	13,3	15,5	11,7
CA06COM-E12S-**-P*-B-	26,0	7,9	13,3	15,5	11,7
CA06COM-E14S-**-P*-B-	29,2	10,6	17,0	19,1	11,7
CA06COM-E16S-**-P*-B-	32,0	13,5	21,9	23,9	11,7
CA06COM-E16-**-P*-B-	32,0	13,5	21,9	23,9	11,5
CA06COM-E18-**-P*-B-	36,5	14,6	21,9	23,9	11,5
CA06COM-E20-**-P*-B-	39,9	18,7	26,2	29,6	12,7
CA06COM-E22-**-P*-B-	43,1	20,8	26,2	29,6	12,7
CA06COM-E24-**-P*-B-	46,6	24,6	34,5	37,8	12,7
CA06COM-E28-**-P*-B-	53,4	27,0	34,5	37,8	12,7
CA06COM-E32-**-P*-B-	60,1	33,3	43,6	47,8	15,2
CA06COM-E36-**-P*-B-	66,3	38,5	43,6	47,8	15,2

CA06COM-E-DN

with threaded coupling

CA06COM-E-DN is a straight plug with endbell (wire sealing) for heat shrink boots. It mates with receptacles **CA00COM, CA01COM** and **CA02COM-E.**



Part No. Pin Insert*	A max	B Thread	C[1)]	D max	E ± 0,2
CA06COM-E10SL-**-P*-DN	24,1	5/8-24UNEF-2B	7,7	13,3	15,5
CA06COM-E12S-**-P*-DN	25,8	3/4-20UNEF-2B	7,9	13,3	15,5
CA06COM-E14S-**-P*-DN	28,8	7/8-20UNEF-2B	10,6	17,0	19,1
CA06COM-E16S-**-P*-DN	31,8	1-20UNEF-2B	13,5	21,9	23,9
CA06COM-E16-**-P*-DN	31,8	1-20UNEF-2B	13,5	21,9	23,9
CA06COM-E18-**-P*-DN	34,1	1-1/8-18UNEF-2B	14,6	21,9	23,9
CA06COM-E20-**-P*-DN	37,4	1-1/4-18UNEF-2B	18,7	26,2	29,6
CA06COM-E22-**-P*-DN	40,5	1-3/8-18UNEF-2B	20,8	26,2	29,6
CA06COM-E24-**-P*-DN	43,8	1-1/2-18UNEF-2B	24,6	34,5	37,8
CA06COM-E28-**-P*-DN	50,2	1-3/4-18UNS-2B	27,0	34,5	37,8
CA06COM-E32-**-P*-DN	56,4	2-18UNS-2B	33,3	43,6	47,8
CA06COM-E36-**-P*-DN	62,8	2-1/4-16UN-2B	38,5	43,6	47,8

* For socket inserts substitute “S” for “P”
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

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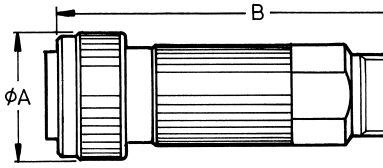
CA06COM-IN-B is a straight plug with universal endbell. It mates with receptacles **CA00COM-B, CA01COM-B** and **CA02COM-E-B.**

Part No. Pin Insert*	A	B max	E max	D Cable sealing ar
CA06COM-IN10SL-**-P*-B	24,1	84	18	D07 = 4,5 – 7,2
CA06COM-IN14S-**-P*-B	28,8	85	18	D07 = 4,5 – 7,2
CA06COM-IN20-**-P*-B	37,4	92	24	D11 = 7,0 – 11,
CA06COM-IN22-**-P*-B	40,5	96	34	D17 = 14,5 – 1

CA06COM-IN

with threaded coupling

CA06COM-IN is a straight plug with universal endbell. It mates with receptacles **CA00COM, CA01COM** and **CA02COM-E.**



Part No. Pin Insert*	A	B max	E max	D Cable sealing ar
CA06COM-IN10SL-**-P*	24,1	84	18	D07 = 4,5 – 7,2
CA06COM-IN14S-**-P*	28,8	85	18	D07 = 4,5 – 7,2
CA06COM-IN20-**-P*	37,4	92	24	D11 = 7,0 – 11,
CA06COM-IN22-**-P*	40,5	96	34	D17 = 14,5 – 1

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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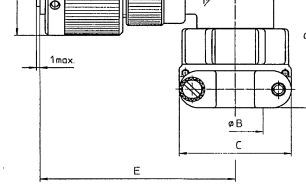
CA08COM-E-B is a 90° plug with cable clamp. It mates with receptacles **CA00COM-B, CA01COM-B** and **CA02COM-E-B.**

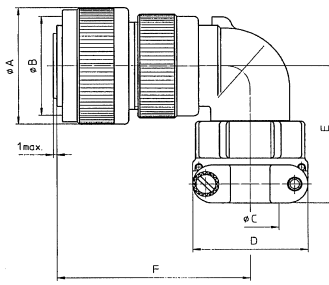


Part No. Pin Insert*	A max	B[1)]	C max	D max
CA08COM-E10SL-**-P*-B	22,8	7,9	22,7	42
CA08COM-E12S-**-P*-B	26,0	7,9	22,7	42
CA08COM-E14S-**-P*-B	29,2	11,1	27,5	42
CA08COM-E16S-**-P*-B	32,0	14,2	30,0	45
CA08COM-E16-**-P*-B	32,0	14,2	30,0	45
CA08COM-E18-**-P*-B	36,5	15,8	33,0	53
CA08COM-E20-**-P*-B	39,9	19,0	37,5	53
CA08COM-E22-**-P*-B	43,1	19,0	37,5	53
CA08COM-E24-**-P*-B	46,6	23,7	43,3	58
CA08COM-E28-**-P*-B	53,4	23,7	43,3	58
CA08COM-E32-**-P*-B	60,1	31,8	51,7	66
CA08COM-E36-**-P*-B	66,3	34,6	58,0	69

CA08COM-E

with threaded coupling

CA08COM-E is a 90° plug with cable clamp. It mates with receptacles **CA00COM**, **CA01COM** and **CA02COM-E.**

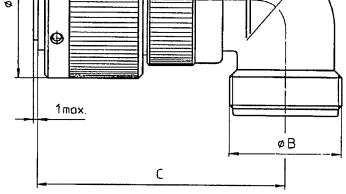


Part No. Pin Insert*	A max	B Thread	C[1)]	D max
CA08COM-E10SL-**-P*	24,1	5/8-24UNEF-2B	7,9	22,7
CA08COM-E12S-**-P*	25,8	3/4-20UNEF-2B	7,9	22,7
CA08COM-E14S-**-P*	28,8	7/8-20UNEF-2B	11,1	27,5
CA08COM-E16S-**-P*	31,8	1-20UNEF	14,2	30,0
CA08COM-E16-**-P*	31,8	1-20UNEF	14,2	30,0
CA08COM-E18-**-P*	34,1	1-1/8-18UNEF-2B	15,8	32,2
CA08COM-E20-**-P*	37,4	1-1/4-18UNEF-2B	19,0	37,5
CA08COM-E22-**-P*	40,5	1-3/8-18UNEF-2B	19,0	37,5
CA08COM-E24-**-P*	43,8	1-1/2-18UNEF-2B	23,7	43,3
CA08COM-E28-**-P*	50,2	1-3/4-18UNS-2B	23,7	43,3
CA08COM-E32-**-P*	56,4	2-18UNS-2B	31,8	51,7
CA08COM-E36-**-P*	62,8	2-1/4-16UN-2B	34,6	58,0

* For socket inserts substitute “S” for “P”
** Add contact arrangement number (see pages 6 – 8)
[1)] max cable dia

Cannon ITT Industries

CA08COM-F-B is a 90° plug for flex tubes. It mates with receptacles **CA00COM-B, CA01COM-B** and **CA02COM-E-B.**

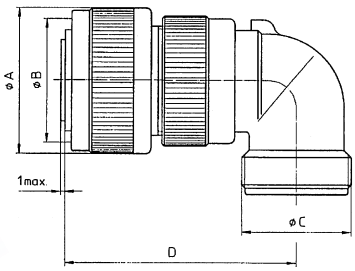


Part No. Pin Insert*	A max	B Thread	C max	D max
CA08COM-F10SL-**-P*-B	22,8	5/8-24UNEF-2A	45	22,0
CA08COM-F12S-**-P*-B	26,0	5/8-24UNEF-2A	45	22,0
CA08COM-F14S-**-P*-B	29,2	3/4-20UNEF-2A	47	24,0
CA08COM-F16S-**-P*-B	32,0	7/8-20UNEF-2A	48	25,0
CA08COM-F16-**-P*-B	32,0	7/8-20UNEF-2A	57	25,0
CA08COM-F18-**-P*-B	36,5	1-20UNEF-2A	58	27,0
CA08COM-F20-**-P*-B	39,9	1-3/16-18UNEF-2A	61	29,0
CA08COM-F22-**-P*-B	43,1	1-3/16-18UNEF-2A	61	30,0
CA08COM-F24-**-P*-B	46,6	1-7/16-18UNEF-2A	66	32,0
CA08COM-F28-**-P*-B	53,4	1-7/16-18UNEF-2A	66	34,0
CA08COM-F32-**-P*-B	60,1	1-3/4-18UNS-2A	72	39,5
CA08COM-F36-**-P*-B	66,3	2-18UNS-2A	75	45,0

CA08COM-F

with threaded coupling

CA08COM-F is a 90° plug for flex tubes. It mates with receptacles **CA00COM, CA01COM** and **CA02COM-E.**



Part No. Pin Insert*	A max	B Thread	C Thread	D max	E max
CA08COM-F10SL-**-P*	24,1	5/8-24UNEF-2B	5/8-24UNEF-2A	45	22,0
CA08COM-F12SL-**-P*	25,8	3/4-20UNEF-2B	5/8-24UNEF-2A	45	22,0
CA08COM-F14S-**-P*	28,8	7/8-20UNEF-2B	3/4-20UNEF-2A	47	24,0
CA08COM-F16S-**-P*	31,8	1-20UNEF-2B	7/8-20UNEF-2A	48	25,0
CA08COM-F16-**-P*	31,8	1-20UNEF-2B	7/8-20UNEF-2A	57	25,0
CA08COM-F18-**-P*	34,1	1-1/8-18UNEF-2B	1-20UNEF-2A	58	27,0
CA08COM-F20-**-P*	37,4	1-1/4-18UNEF-2B	1-3/16-18UNEF-2A	61	29,0
CA08COM-F22-**-P*	40,5	1-3/8-18UNEF-2B	1-3/16-18UNEF-2A	61	30,0
CA08COM-F24-**-P*	43,8	1-1/2-18UNEF-2B	1-7/16-18UNEF-2A	66	32,0
CA08COM-F28-**-P*	50,2	1-3/4-18UNS-2B	1-7/16-18UNEF-2A	66	34,0
CA08COM-F32-**-P*	56,4	2-18UNS-2B	1-3/4-18UNS-2A	72	39,5
CA08COM-F36-**-P*	62,8	2-1/4-16UN-2B	2-18UNS-2A	75	45,0

* For socket inserts substitute “S” for “P”
** Add contact arrangement number (see pages 6 – 8)

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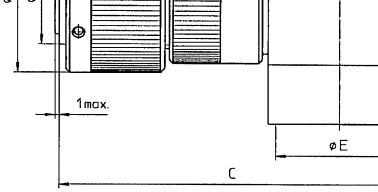
CA08COM-PG-B designates a 90° plug for usage of PG terminations. It mates with receptacles **CA01COM-B** and **CA02COM-B**.

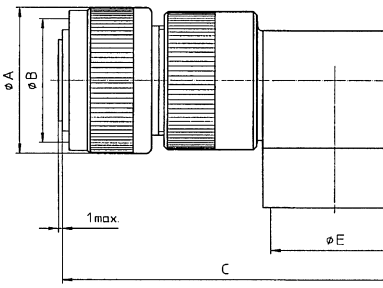


Part No. Pin insert*	A max	B –0,3	C max	D
CA08COM-PG10SL-**P*-B	22,8	11,3	57	18,5
CA08COM-PG12S-**P*-B	26,0	14,0	57	18,5
CA08COM-PG14S-**P*-B	29,2	17,1	59	19,5
CA08COM-PG16S-**P*-B	32,0	20,4	63	22,0
CA08COM-PG16-**P*-B	32,0	20,4	72	22,0
CA08COM-PG18-**P*-B	36,5	23,6	77	26,3
CA08COM-PG20-**P*-B	39,9	26,7	82	29,0
CA08COM-PG22-**P*-B	43,1	29,8	82	29,5

CA08COM-PG

with threaded coupling

CA08COM-PG designates a 90° plug for usage of PG terminations. It mates with receptacles **CA01COM** and **CA02COM**.



Part No. Pin insert*	A max	B Thread	C max	D
CA08COM-PG10SL-**P*	24,1	5/8-24UNEF-2B	57	18,5
CA08COM-PG12S-**P*	25,8	3/4-20UNEF-2B	57	18,5
CA08COM-PG14S-**P*	28,8	7/8-20UNEF-2B	59	19,5
CA08COM-PG16S-**P*	31,8	1-20UNEF-2B	63	22,0
CA08COM-PG16-**P*	31,8	1-20UNEF-2B	72	22,0
CA08COM-PG18-**P*	34,1	1-1/8-18UNEF-2B	77	26,3
CA08COM-PG20-**P*	37,4	1-1/4-18UNEF-2B	82	29,0
CA08COM-PG22-**P*	40,5	1-3/8-18UNEF-2B	82	29,5

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)

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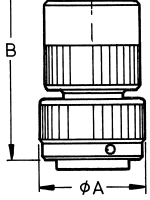
CA08COM-IN-B is a 90° plug with universal endbell. It mates with receptacles **CA00COM-B, CA01COM-B** and **CA02COM-E-B.**

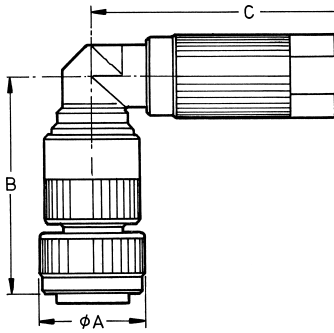


Part No. Pin Insert*	A	B max	C max	D Cable sealing ar
CA08COM-IN10SL-**P*-B-***-D07	24,1	52	78	D07 = 4,5 – 7,2
CA08COM-IN20-**P*-B-***-D11	37,4	62	86	D11 = 7,0 – 11,

CA08COM-IN

with threaded coupling

CA08COM-IN is a 90° plug with universal endbell. It mates with receptacles **CA00COM, CA01COM** and **CA02COM-E.**



Part No. Pin Insert*	A	B max	C max	D Cable sealing ar
CA08COM-IN10SL-**P*-***-D07	24,1	52	78	D07 = 4,5 – 7,2
CA08COM-IN20-**P*-***-D11	37,4	62	86	D11 = 7,0 – 11,

* For socket inserts substitute "S" for "P"
** Add contact arrangement number (see pages 6 – 8)
*** 01 Crimp contact

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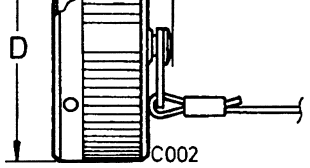
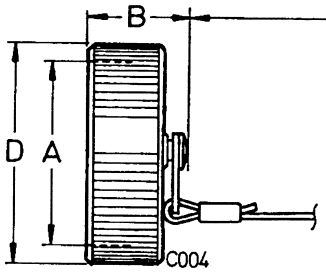
coupling
CA00COM-B, CA02COM-E-B and
CA20COM-E-B



Part No.	Shell size	B ± 0,3	D max	L ± 0,25
CA120003-1701	10 SL	19,5	22,4	107
CA120003-1702	12S	19,5	25,6	107
CA120003-1703	14S	19,5	28,8	107
CA121003-1704	16S	19,5	31,6	107
CA121003-1705	16	24.5	31,6	120
CA121003-1706	18	24,5	35,7	120
CA121003-1707	20	24,5	39,1	134
CA121003-1708	22	24,5	42,3	134
CA121003-1709	24	24,5	45,8	134
CA121003-1710	28	24,5	51,6	176
CA121003-1711	32	24,5	58,3	176
CA121003-1712	36	24,5	64,5	176

Protective caps

for receptacles with threaded coupling
CA00COM, CA02COM-E and
CA20COM



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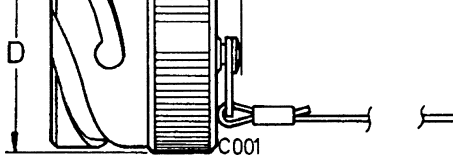
Part No.	Shell size	A Thread	B max	D max	L max
CA121003-1601	10SL	5/8-24UNEF-2B	16,0	20,2	114
CA121003-1602	12S	3/4-20UNEF-2B	16,0	23,4	127
CA121003-1603	14S	7/8-20UNEF-2B	16,0	26,6	127
CA121003-1604	16S, 16	1-20UNEF-2B	16,0	29,8	127
CA121003-1606	18	1-1/8-18UNEF-2B	16,0	32,9	127
CA121003-1607	20	1-1/4-18UNEF-2B	16,0	36,1	141
CA121003-1608	22	1-3/8-18UNEF-2B	16,0	39,4	141
CA121003-1609	24	1-1/2-18UNEF-2B	16,0	42,6	154
CA121003-1610	28	1-3/4-18UNEF-2B	18,0	48,9	214
CA121003-1611	32	2-18UNS-2B	18,0	55,3	214
CA121003-1612	36	2-1/4-16UN-2B	18,0	61,6	214

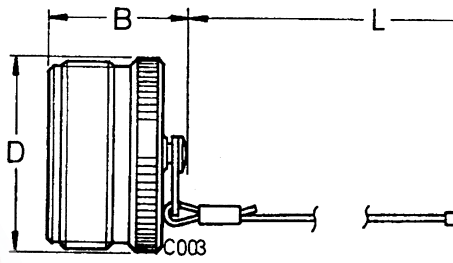
CA06COM-B and **CA08COM-B**



Part No.	Shell size	B max	D max	L ca
CA121004-1701	10 SL	29,0	20,7	107
CA121004-1702	12S	29,0	23,9	120
CA121004-1703	14S	29,0	27,1	120
CA121004-1704	16S	29,0	29,9	120
CA121004-1705	16	37,0	29,9	134
CA121004-1706	18	37,0	33,3	134
CA121004-1707	20	37,0	36,7	147
CA121004-1708	22	37,0	39,9	147
CA121004-1709	24	37,0	43,4	147
CA121004-1710	28	37,0	49,2	204
CA121004-1711	32	37,0	55,9	204
CA121004-1712	36	37,0	62,1	204

Protective caps

for plugs with threaded coupling
CA06COM and **CA08COM**



Part No.	Shell size	A Thread	B max	D max	L max
CA121004-1601	10SL	5/8-24UNEF-2A	20,5	16,7	114
CA121004-1602	12S	3/4-20UNEF-2A	25,0	19,8	127
CA121004-1603	14S	7/8-20UNEF-2A	25,0	23,0	127
CA121004-1604	16S, 16	1-20UNEF-2A	25,0	26,2	127
CA121004-1606	18	1-1/8-18UNEF-2A	25,0	29,4	127
CA121004-1607	20	1-1/4-18UNEF-2A	25,0	32,5	141
CA121004-1608	22	1-3/8-18UNEF-2A	25,0	35,7	141
CA121004-1609	24	1-1/2-18UNEF-2A	25,0	38,9	154
CA121004-1610	28	1-3/4-18UNEF-2A	25,0	45,2	214
CA121004-1611	32	2-18UNS-2A	25,0	51,6	214
CA121004-1612	36	2-1/4-16UN-2A	25,0	57,9	214

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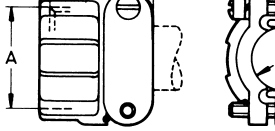
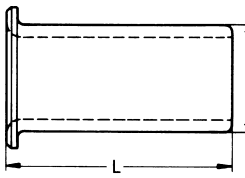


Part No.	Shell size	A Thread	B max	E max	L max	R max
CA121051-325	10SL, 12S	5/8-24UNEF-2B	10,5	7,9	20,8	22,6
CA121051-326	14S	3/4-20UNEF-2B	10,6	11,1	22,4	27,4
CA121051-327	16S, 16	7/8-20UNEF-2B	10,5	14,2	24,0	29,8
CA121051-328	18	1-20UNEF-2B	10,5	15,8	24,0	32,2
CA121051-329	20, 22	1-3/16-18UNEF-2B	10,5	19,0	24,0	37,4
CA121051-330	24, 28	1-7/16-18UNEF-2B	10,5	23,7	26,4	43,5
CA121051-331	32	1-3/4-18UNS-2B	12,0	31,8	28,0	51,7
CA121051-332	36	2-18UNS-2B	13,7	34,6	29,6	57,8

Telescoping bushing

The telescoping bushing is used together with above cable clamps CA121051-... It keeps oil, dirt or dust out of the endbell. Wrapping or insulating of the wires fed through the clamp is eliminated since they are protected by the bushing. Combinations of bushings may be used to reduce cable entry diameters for improved sealing.

Material: Polychloroprene



Part No.	Shell size	C max	L max	R –0,3
012-8552-000	10SL,12S	10,0	70,4	6,7
012-8554-000	14S	12,8	67,4	9,2
012-0218-000	16S, 16	18,9	63,9	11,2
012-0219-000	18	22,1	60,6	14,4
012-0220-000	20, 22	27,0	57,4	16,0
012-8555-000	24, 28	27,0	57,4	16,7
012-8556-000	24, 28	33,5	54,4	21,6
012-8557-000	32	33,5	54,4	21,6
012-8558-000	32	40,5	51,4	26,9
012-8558-000	36	40,5	51,4	26,9
012-0223-000	36	47,0	48,4	31,9

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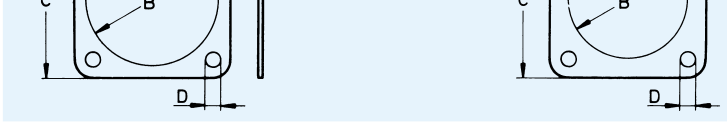

Rear panel mounting

Part No.	Shell size	A ± 0,1	B +0,2	C ± 0,3
075-8501-000	10SL	18,2	18,2	25,4
075-8502-000	12S	20,6	21,4	28,0
075-8503-000	14S	23,0	24,6	30,0
075-8504-000	16S, 16	24,6	27,4	32,5
075-8505-000	18	27,0	30,8	35,0
075-8506-000	20	29,4	34,2	38,0
075-8507-000	22	31,8	37,4	41,0
075-8508-000	24	34,9	40,8	44,5
075-8509-000	28	39,7	46,7	50,8
075-8510-000	32	44,5	53,4	57,0
075-8511-000	36	49,2	59,6	63,5

Front panel mounting

Part No.	Shell size	A ± 0,1	B +0,2	C ± 0,3
075-8512-000	10SL	15,7	18,2	25,4
075-8513-000	12S	20,6	18,9	28,0
075-8514-000	14S	23,0	22,1	30,0
075-8515-000	16S, 16	24,6	25,3	32,5
075-8516-000	18	27,0	28,4	35,0
075-8517-000	20	29,4	31,6	38,0
075-8518-000	22	31,8	34,8	41,0
075-8519-000	24	34,9	38,0	44,5
075-8520-000	28	39,7	44,3	50,8
075-8521-000	32	44,5	50,7	57,0
075-8522-000	36	49,2	57,0	63,5

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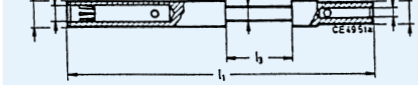
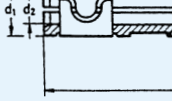
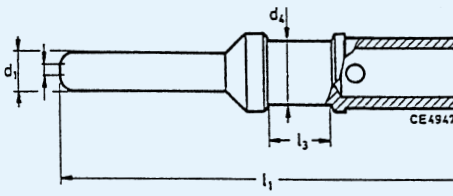
Socket contacts



Size 15S



Contact size	Termination size mm²	Part number with finish A36	d1	d2 +0,05	d3	d5	d6
15S	0,75 - 1,5	031-8555-110	$3,2^{-0,15}$	1,65	$1,75^{-0,1}$	$1,75^{+0,08}$	2,75
	0,3 - 0,6	031-8688-110	$3,2^{-0,15}$	1,65	$1,75^{-0,1}$	$1,2^{+0,1}$	2,75
	0,14 - 0,38	031-8555-130	$3,2^{-0,15}$	1,65	$1,75^{-0,1}$	$0,9^{+0,05}$	2,75
15	0,75 - 1,5	031-8556-110	$3,2^{-0,15}$	1,65	$1,75^{-0,1}$	$1,75^{+0,08}$	2,75
	0,3 - 0,6	031-8639-120	$3,2^{-0,15}$	1,65	$1,75^{-0,1}$	$1,2^{+0,1}$	2,75
	0,14 - 0,38	031-8556-130	$3,2^{-0,15}$	1,65	$1,75^{-0,1}$	$0,9^{+0,05}$	2,75
25	2,0 - 3,0	031-8557-000	$4,8^{-0,1}$	2,45	$3,3^{-0,1}$	$2,5^{+0,1}$	3,8
	0,75 - 1, 5	031-8557-020	$4,8^{-0,1}$	2,45	$3,3^{-0,1}$	$1,75^{+0,08}$	3,8
	4,0	031-8557-010	$4,8^{-0,1}$	2,45	$3,3^{-0,1}$	$2,8^{+0,1}$	3,8
	0,3 - 0,6	031-8557-040	$4,8^{-0,1}$	2,45	$3,3^{-0,1}$	$1,2^{+0,1}$	3,8
100	6,0	031-8558-000	$6,5^{-0,2}$	3,65	$6,25^{-0,2}$	$3,5^{+0,1}$	6,8
	10,0	031-8559-000	$6,5^{-0,2}$	3,65	$6,25^{-0,2}$	$4,8^{+0,1}$	6,8
	2,0 - 3,0	031-8519-010	$6,5^{-0,2}$	3,65	$6,25^{-0,2}$	$2,5^{+0,05}$	6,8
	4,0	031-8519-000	$6,5^{-0,2}$	3,65	$6,25^{-0,2}$	$4,55^{+0,1}$	6,8



Pin Contacts

Contact size	Termination size mm²	Part number with finish A36	d1 –0,05	d4	d6	d7
15S	0,75 - 1,5	030-8586-000	1,6	$1,75^{-0,1}$	$1,75^{+0,08}$	$2,75^{-0,0}$
	0,3 - 0,6	330-8744-000	1,6	$1,75^{-0,1}$	$1,2^{+0,1}$	$2,75^{-0,0}$
	0,14 - 0,38	030-8586-010	1,6	$1,75^{-0,1}$	$0,9^{+0,05}$	$2,75^{-0,0}$
15	0,75 - 1,5	030-8587-000	1,6	$1,75^{-0,1}$	$1,75^{+0,08}$	$2,75^{-0,0}$
	0,3 - 0,6	330-8659-000	1,6	$1,75^{-0,1}$	$1,2^{+0,1}$	$2,75^{-0,0}$
	0,14 - 0,38	030-8587-030	1,6	$1,75^{-0,1}$	$0,9^{+0,05}$	$2,75^{-0,0}$
25	2,0 - 3,0	030-8588-000	2,4	$3,3^{-0,15}$	$2,5^{+0,1}$	$3,8^{-0,1}$
	0,75 - 1, 5	030-8588-010	2,4	$3,3^{-0,15}$	$1,75^{+0,08}$	$3,8^{-0,1}$
	4,0	030-8588-054	2,4	$3,3^{-0,15}$	$2,8^{+0,1}$	$3,8^{-0,1}$
100	6,0	030-8589-000	3,6	$6,25^{-0,15}$	$3,5^{+0,1}$	$6,8^{-0,1}$
	10,0	030-8590-000	3,6	$6,25^{-0,15}$	$4,8^{+0,1}$	$6,8^{-0,1}$
	2,0 - 3,0	030-8612-010	3,6	$6,25^{-0,15}$	$2,5^{+0,05}$	$6,8^{-0,1}$
	4,0	030-8612-020	3,6	$6,25^{-0,15}$	$2,8^{+0,1}$	$6,8^{-0,1}$

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size	mm²			
15	0,3 – 1,5	M22520-1-01	995-0001-585	TH 452
15S	0,3 – 1,5			
25	0,3 – 4,0			

Preumatic crimp tool

for pin / socket contacts acc to VG95234 and Cannon contacts with reduced termination size

Contact size	Wire size mm²	Pneumatic table crimp tool	Order reference	Bench mount	Order reference	Foot pedal	Order reference
15	0,3 – 1,5	WA27F-CE	121586-5067	BM-2	121586-5068	WA10	121586-5069
15S	0,3 – 1,5						
25	0,3 – 4,0						

Hydraulic hand crimp tool

for pin / socket contacts acc to VG95234 and Cannon contacts with reduced termination size

Contact size	Wire size mm²	Hand pump	Order reference	Foot pedal	Order reference	High pressure hose 2 m	Order reference	Crimp head
100	2,0 – 10,0	4601.00000.330	121586-0027	4601.51000.330	121586-0008	4604.00000.020	121586-0023	4632.0000
		Safety device incl. Bench mounting	Order reference	Positioner	Order reference	Crimp Turrets (upper crimp die) Order reference		Crimp Turr Order refer
		CT121086-3079	121086-3079	121086-3080	121086-3080	317-8531-000		317-8531-

Note: Hydraulic electro pump (HK 12EL) upon request.

Insertion tools / Extraction tools

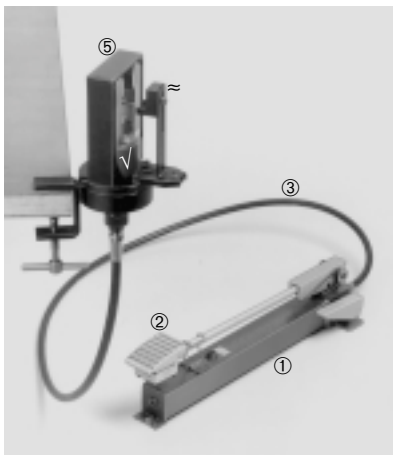
	Insertion tools		Insertion pliers		Extraction tools	
Contact size	Part No.	Order reference	Part No.	Order reference	Part No.	Orde
15	CIT 16	121086-3008	CIT-F80-16	121086-0097	CET-F80-16	1210
25	CIT 12	121086-3007	CIT-F80-12	121086-0096	CET-F80-12	1210
100	CIT 8	121086-0095			CET-8	1210

Crimp contacts

Connectors of series CA-COM and CA-COM-B are also available with crimp contacts for AWG wire sizes. In order to wire, insert and extr tools mentioned on this page are needed. All tools have to be ordered separately.

Please ask for our detailed Wiring and Assembly instructions.

Hydraulic hand crimp tool



1 Hand pump
2 Foot pedal
3 High pressure hose 2 m
4 Crimp head
5 Safety device incl. bench mounting
6 Positioner
(to be used with 121086-3079 only)

Technical Data
Hand pump:
Length
Width
Hight
Oil contents
Usable oil quality
Output per lift

High pressure hose:
Length

Crimp head:
Crimp force
Lift (with positioners)
Weight (incl. oil)

Insertion tools / Extraction tools

Insertion tool

Insertion pliers

Extraction tool

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1. MATERIAL CONTENT AND PHYSICAL FORM

Electrical connectors do not usually contain hazardous materials. They contain conducting and non-conducting materials and can be divided into two groups.

a) Printed circuit types and low cost audio types which employ all plastic insulators and casings.

b) Rugged, Fire Barrier and High Reliability types with metal casings and either natural rubber, synthetic rubber, plastic or glass insulating materials.

Contact materials vary with type of connector and also application and are usually manufactured from either copper, copper alloys, nickel, alumel, chromel or steel. In special applications, other alloys may be specified.

2. FIRE CHARACTERISTICS AND ELECTRIC SHOCK HAZARD

There is no fire hazard when the connector is correctly wired and used within the specified parameters. Incorrect wiring or assembly of the connector or careless use of metal tools or conductive fluids, or transit damage to any of the component parts may cause electric shock or burns. Live circuits must not be broken by separating mated connectors as this may cause arcing, ionisation and burning.

Heat dissipation is greater at maximum resistance in a circuit. Hot spots may occur when resistance is raised locally by damage, e.g. cracked or deformed contacts, broken strands of wire. Local overheating may also result from the use of the incorrect application tools or from poor quality soldering or slack screw terminals. Overheating may occur if the ratings in the Product Data Sheet/Catalogue are exceeded and can cause breakdown of insulation and hence electric shock.

If heating is allowed to continue it intensifies by further increasing the local resistance through loss of temper of spring contacts, formation of oxide film on contacts and wires, and leakage currents through carbonisation of insulation and tracking paths. Fire can then result in the presence of combustible materials and this may release noxious fumes. Overheating may not be visually apparent. Burns may result from touching overheated components.

Electrical connectors may be damaged in transit to the customers, and damage may result in creation of hazards. Products should therefore be examined prior to installation/use and rejected if found to be damaged.

4. DISPOSAL

Incineration of certain materials may release noxious or even toxic fumes.

5. APPLICATION

Connectors with exposed contacts should not be selected for use on the current supply side of an electrical circuit, because an electric shock could result from touching exposed contacts on an unmated connector. Voltages in excess of 30 V ac or 42.5 V dc are potentially hazardous and care should be taken to ensure that such voltages can not be transmitted in any way to exposed metal parts of the connector body. The connector and wiring should be checked, before making live, to have no damage to metal parts or insulators, no solder blobs, loose strands, conducting lubricants, swarf, or any other undesired conducting particles. Insulation resistance should be checked to make certain that no low resistance joints or spurious conducting path are existing between contacts and exposed metal parts of the connector body. Further the contact resistance of the connectors should be measured within the electrical circuit in order to identify high resistances which result in excessive connector heating.

for operation voltage please
regulations.

IMPORTANT GENERAL INFORM

1. Air and creepage paths/Ope
The admissible operating v
individual applications and
other applicable safety regu

For this reason the air and
only reference values. Obse
creepage paths due to PC b

2. Temperature
All information given are
operation temperature dep
application.

3. Other important information
Cannon continuously ende
products. Therefore, Canno
from the description, techn
shown in this catalogue and

4. Harnessing and Assembly In
If applicable, our special ha
bly instruction has to be ad
ed at request.

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