PZB300

Delta EMI suppressor, classes X2 and Y2, metallized paper 0.1 and 0.15 μF X2, 2200, 3300 and 4700 pF Y2, 275 VAC, +100 °C

- Class X2 and Y2
- Compact size
- Self-extinguishing encapsulation. .
- PCB mounting or fast-on connection
- Excellent self-healing properties.

TYPICAL APPLICATIONS

capacitors in a delta configuration.

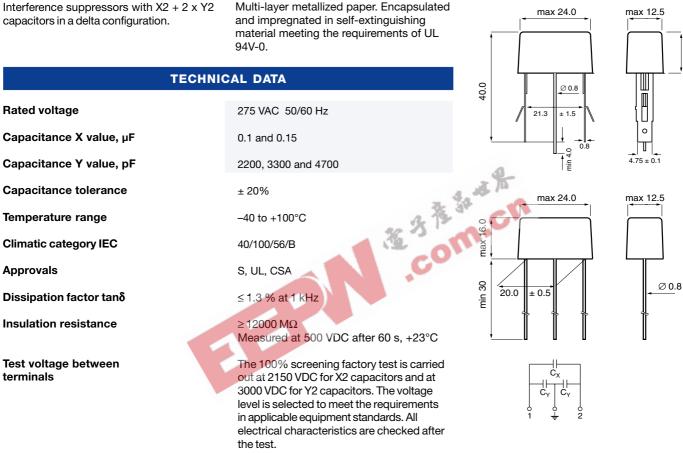
Ensures long life even when subjected to frequent overvoltages.

CONSTRUCTION

- High dU/dt capability.
- Good resistance to ionisation due to impregnated dielectric material.
- The impregnated paper ensures excellent stability giving oustanding reliability properties, especially in applications having continuous operation.

16.0

max

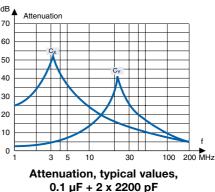


ENVIRONMENTAL TEST DATA

				Suppression vs. frequ
Vibration	IEC 60068-2-6 Test Fc	3 directions at 2 hour each 10 – 500 Hz at 0.75 mm or 98 m/s ² (PZB300MC mounted on P	No visible damage No open or short circuit C-board)	dB Attenuation 60
Bump	IEC 60068-2-29 Test Eb	4000 bumps at 390 m/s²	No visible damage No open or short circuit	
Solderability	IEC 60068-2-20 Test Ta	Solder globule method	Wetting time <1 s	
Active flammability	EN 132400			
Passive flammability	IEC 60384-14 (19 EN 132400	93)		Attenuation, typical va 0.1 μF + 2 x 2200 p
Humidity	IEC 60068-2-3 Test Ca	+40°C and 90 – 95% R.H.	56 days	

R EVOX RIFA

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ARTICLE TABLE

Cap C	acitance C	Max in m	dimer	nsions		Quan packa R30	tity per age R06	TAG	Weight	Max o V/µs	dU/dt	Арр	orov		Article code
μÊ	рF	в	н	L	р	pcs	pcs	pcs	g	c _x	C _Y	S	Ъ	CSA	
0.10	2200	12.5	16.0	24.0	20.0	150	1000	125	7.5	600	1000	\checkmark		\checkmark	PZB300MC11R30
0.10	3300	12.5	16.0	24.0	20.0	150	1000	125	7.5	600	1000	\checkmark		\checkmark	PZB300MC12R30
0.10	4700	12.5	16.0	24.0	20.0	150	1000	125	7.5	600	1000	\checkmark		\checkmark	PZB300MC13R30
0.15	2200	12.5	16.0	24.0	20.0	150	1000	125	7.5	600	1000	\checkmark			PZB300MC21R30
0.15	3300	12.5	16.0	24.0	20.0	150	1000	125	7.5	600	1000	\checkmark		\checkmark	PZB300MC22R30
0.15	4700	12.5	16.0	24.0	20.0	150	1000	125	7.5	600	1000	\checkmark	\checkmark	\checkmark	PZB300MC23R30

APPROVALS/REFERENCE DOCUMENTS

Certification Body S UL CSA

EN 132400 UL 1283 C 22.2 No. 8

Specification

9650188-01 E 100117 53108

Approval reference

MARKING

RIFA

- RIFA article code
- Rated capacitance (X and Y)
- Rated voltage
- X2 and Y2
- SH, for self healing
- Climatic category according to IEC 60068-1, appendix A
- Passive flammability classApproval marks
- Circuit diagram
- Manufacturing code (year, month)

ORDERING INFORMATION

The article code for the standard part is given in the article table. Fast-on: Add TAG instead of R30 in the standard article code. For other options, see page 21.

PACKING

Capacitors in standard design are packed bulk in a box with dimensions $245 \times 145 \times 80$ mm. Quantity/package as per article table.

Capacitors with lead length 5 or 6 mm are packed on trays piled in a box with dimensions $300 \times 260 \times 195$ mm. Quantity/ package as per article table.

