

1000V CERAMIC DISC

90000 SERIES

The 90000 series is a range of insulated disc, monolithic fixed ceramic capacitors. They are most commonly used in consumer electronics and telecommunication equipment.

RATINGS

- Capacitance Range:** 1.0pf to 0.10μf (100,000pf)
- Voltage:** 1000 Volts DC
- Withstand Voltage:** 2500 Volts DC

PERFORMANCE SPECIFICATIONS

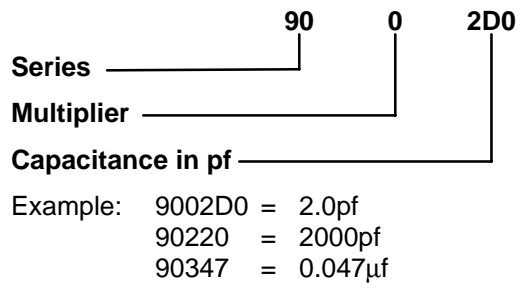
- Operating Temperature Range:**
-25°C to +85°C (-13°F to +185°F)
- Tolerance Range:**
 - 9001D0-9009D0 ±0.5pf
 - 90010-90210 ±10%
 - 90212-90220 +80%, -20%
 - 90222 ±20%
 - 90227-90410 +80%, -20%
- Temperature Coefficient:**
 - 9001D0-90091 - SL
 - 90110-90118 - Y5F
 - 90122-90210 - Y5P
 - 90212-90220 - Z5V
 - 90222 - Z5U
 - 90227-90410 - Z5V

Insulation Resistance: 7500MΩ Min
measured after 1 Minute at rated voltage

90000 Series Dimensions (Figure 2)

Cap pf	D Ø mm	S mm	Cap pf	D Ø mm	S mm	Cap pf	D Ø mm	S mm
1.0pf	5	7.5	39pf	5	7.5	1500pf	5	7.5
2.0pf	6	7.5	47pf	5	7.5	1800pf	6	7.5
2.2pf	5	7.5	56pf	5	7.5	2000pf	6	7.5
2.7pf	5	7.5	62pf	5	7.5	2200pf	6	7.5
3.0pf	5	7.5	68pf	6	7.5	2700pf	7	7.5
3.3pf	6	7.5	75pf	6	7.5	3000pf	7	7.5
4.0pf	5	7.5	82pf	6	7.5	3300pf	7	7.5
4.7pf	5	7.5	91pf	6	7.5	3900pf	7	7.5
5.0pf	5	7.5	100pf	5	7.5	4300pf	7	7.5
5.6pf	5	7.5	120pf	5	7.5	4700pf	8	7.5
6.2pf	5	7.5	150pf	5	7.5	5000pf	8	7.5
6.8pf	5	7.5	180pf	5	7.5	5600pf	8.5	7.5
7.5pf	5	7.5	220pf	5	7.5	6800pf	10.5	7.5
8.0pf	6	7.5	270pf	6	7.5	7500pf	10.5	7.5
9.0pf	5	7.5	330pf	6	7.5	8200pf	10.5	7.5
10pf	5	7.5	390pf	6	7.5	0.01μf	10.5	7.5
12pf	5	7.5	430pf	6	7.5	0.015μf	10.5	7.5
13pf	5	7.5	470pf	5	7.5	0.020μf	11.0	7.5
15pf	5	7.5	500pf	6	7.5	0.022μf	13.5	8.5
18pf	5	7.5	560pf	6	7.5	0.030μf	13.5	8.5
20pf	5	7.5	680pf	6	7.5	0.033μf	13.5	8.5
22pf	5	7.5	750pf	6	7.5	0.036μf	13.5	8.5
24pf	6	7.5	820pf	6	7.5	0.047μf	16.5	10.5
27pf	5	7.5	910pf	6	7.5	0.050μf	16.5	10.5
30pf	5	7.5	1000pf	5	7.5	0.10μf	20.0	10.5
33pf	5	7.5	1200pf	5	7.5			

ORDERING INFORMATION



MARKING EXAMPLE

- Example: 2pf = 2
- 2000pf = 202
- 0.047μf = 473

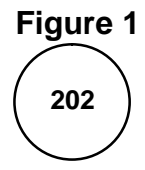


Figure 2

