

WRAP-AND-FILL ZERO TCC POLYPHENYLENE SULFIDE FILM / FOIL CAPACITORS

TYPE 882P



FEATURES

- High current Capacity
- Close tolerances
- Low losses

MAJOR APPLICATIONS:

Critical timing, sample and hold, high stability.

PHYSICAL CHARACTERISTICS

CONSTRUCTION:

Non-inductive wound polyphenylene sulfide film and extended foil.

CASE:

Flame retardant tape wrap and epoxy endfill.

LEAD MATERIAL:

Solder coated solid wire.

LEAD WIRE SIZES:

Case Dia.	Lead AWG
< 0.270	0.025 (No. 22)
≥ 0.270	0.032 (No. 20)

LEAD STRENGTH:

Capable of withstanding a five pound pull force on lead axis.

MARKING:

Dearborn trademark, type or catalog number, capacitance, tolerance and voltage.

ELECTRICAL SPECIFICATIONS

CAPACITANCE RANGE: 0.001 μ F to 0.22 μ F

VOLTAGE RATING: 200 VDC

CAPACITANCE TOLERANCE: \pm 10%, \pm 5%, \pm 2%

OPERATING TEMPERATURE: -55°C to +125°C, without derating

DISSIPATION FACTOR: 0.15% maximum

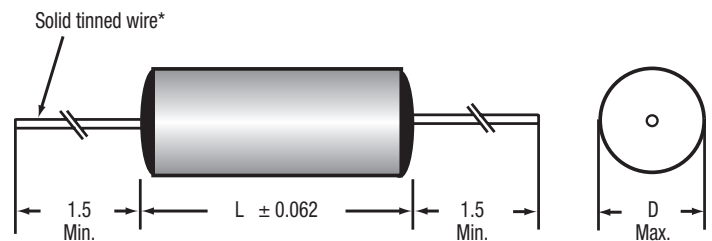
DC VOLTAGE TEST: 250% of rated voltage for 15 seconds

INSULATION RESISTANCE:

Measured at rated VDC after a 2 minute charge.

- At +25°C, 100,000 Megaohm-Microfarads, need not exceed 200,000 Megaohms

DIMENSIONS (in inches)



WRAP-AND-FILL ZERO TCC POLYPHENYLENE SULFIDE FILM / FOIL CAPACITORS

STANDARD RATINGS

Capacitance		Voltage Code 200 200 VDC	
μF	Code	D	L
0.0010	102	0.210	0.438
0.0015	152	0.210	0.438
0.0022	222	0.210	0.438
0.0033	332	0.210	0.438
0.0047	472	0.210	0.438
0.0068	682	0.210	0.438
0.010	103	0.220	0.438
0.015	153	0.220	0.625
0.022	223	0.250	0.625
0.033	333	0.280	0.625
0.047	473	0.320	0.625
0.068	683	0.300	0.750
0.10	104	0.350	0.750
0.15	154	0.330	1.000
0.22	224	0.380	1.000

Additional capacitance values, voltages, and tolerances are available upon request.