

CTR

For stringent requirements

TYPE PPSRRB



Film and Foil Polystyrene Capacitors

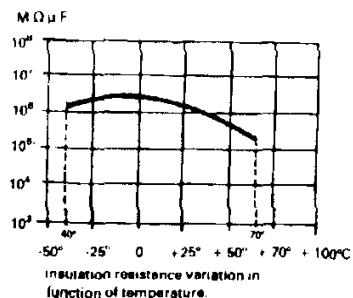
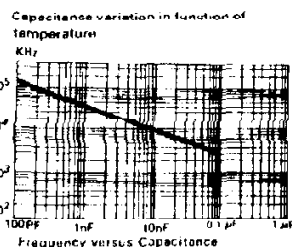
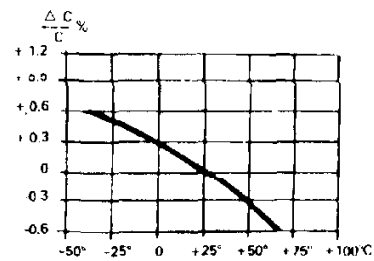
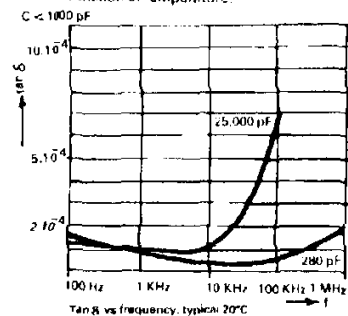
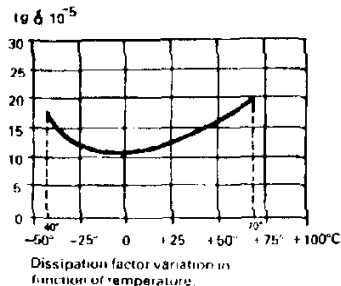
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Description:

Polystyrene Capacitor of extended foil construction. Leads are soldered directly onto the metal foil to provide excellent contact between the electrodes and the terminals. Epoxy resin encapsulated under vacuum in a plastic box. Compact, ideally suited for printed circuit board applications where capacitance stability, high insulation resistance and low losses at high frequency are required.

Technical Data:

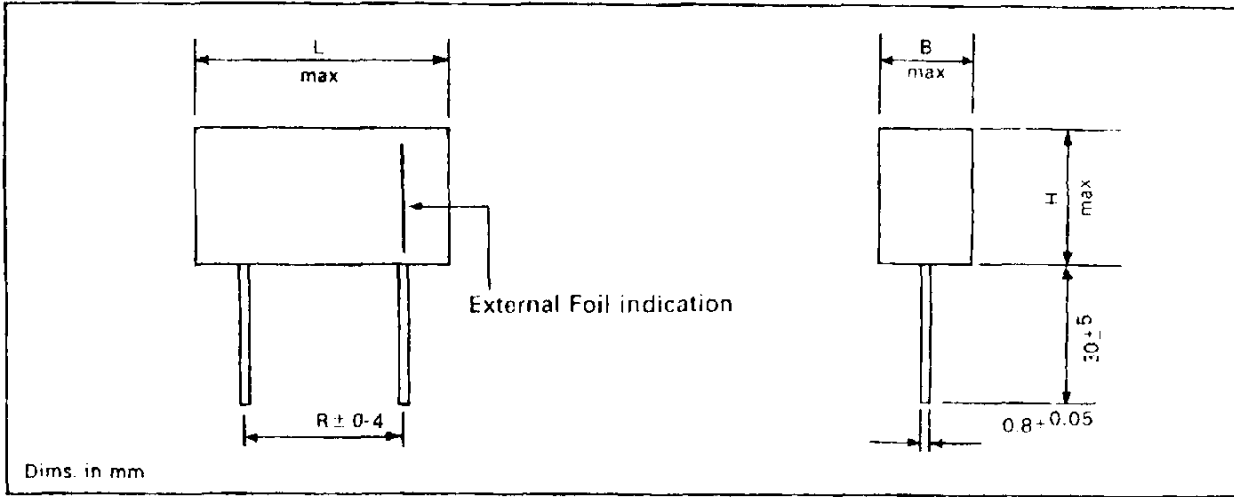
Dielectric:	Polystyrene
Capacitor Electrodes:	Metal Foil
Encapsulation:	Plastic Box sealed with epoxy resin under vacuum
Temperature Range:	-55° C to +70° C
Insulation Resistance at 20° C:	Capacitance ≤ 0.1 μF ≥ 5 × 10 ⁶ Megohms > 0.1 μF ≥ 5 × 10 ⁴ Secs
Power Factor:	Capacitance ≤ 1000 pF ≤ 10 × 10 ⁻⁴ at 1 MHz > 1000 pF ≤ 5 × 10 ⁻⁴ at 1 KHz
Long term stability:	≤ ± 0.5% over 2 years for temperature range (+ 23 ± 5)° C All Capacitors are stabilised by thermal ageing cycles.
Reference standard:	JSS publication 50211 CQY 03
Capacitance Tolerance:	± 1%, ± 2.5%, ± 5% and close tolerance on request.
Test voltage:	2.5 × Rated Voltage
Climatic category:	55/70/56
Temperature Coefficient:	- (120 ± 50) ppm per degree C
Cross reference:	Arcotronics KS 1.38



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AMED 04
JULY 98

Dimensions



General Data

Capacity in pF	63 VDC				100 VDC				200 VDC			
	R	L	H	R	B	L	H	R	B	L	H	R
1,000									6	14.5	7	10.2
1,500									6	14.5	7	10.2
2,200	7	16.5	8.5	12.7	6	14.5	7	10.2	7	19	8	15.2
2,700	7	16.5	8.5	12.7	6	14.5	7	10.2	7	19	8	15.2
3,300	7	16.5	8.5	12.7	6	14.5	7	10.2	7	19	8	15.2
3,900	7	16.5	8.5	12.7	6	14.5	7	10.2	7	19	8	15.2
4,700	7	16.5	8.5	12.7	6	14.5	7	10.2	7	19	8	15.2
5,600	7	16.5	8.5	12.7	6	14.5	7	10.2	7	19	8	15.2
6,800	7	16.5	8.5	12.7	6	14.5	7	10.2	7	19	8	15.2
8,200	7	16.5	8.5	12.7	7	19	8	15.2	8.5	29.5	10	25.4
10,000	9	16.5	10.5	12.7	7	19	8	15.2	8.5	29.5	10	25.4
15,000	9	16.5	10.5	12.7	7	19	8	15.2	8.5	29.5	10	25.4
22,000	11	16.5	12.5	12.7	7	19	8	15.2	8.5	29.5	10	25.4
27,000	11	16.5	12.5	12.7	7	19	8	15.2	8.5	29.5	10	25.4
33,000	11	16.5	12.5	12.7	7	19	8	15.2	8.5	29.5	10	25.4
39,000	13	16.5	13	12.7	8.5	29.5	10	25.4	8.5	29.5	10	25.4
47,000	13	16.5	13	12.7	8.5	29.5	10	25.4	8.5	29.5	10	25.4
56,000	16.5	26.0	13	22.9	8.5	29.5	10	25.4	10	29.5	12	25.4
68,000	16.5	26.0	13	22.9	8.5	29.5	10	25.4	10	29.5	12	25.4
82,000	16.5	26.0	13	22.9	8.5	29.5	10	25.4	13.5	29.5	14.5	25.4
100,000	16.5	26.0	13	22.9	10	29.5	12	25.4	13.5	29.5	14.5	25.4
150,000					10	29.5	12	25.4				
220,000					13.5	29.5	14.5	25.4				
250,000					13.5	29.5	14.5	25.4				

Order Information

