Disc Ceramic Capacitors

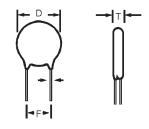
AC and Switch Mode Epoxy Coated

CAPACITORS FOR AC AND SWITCH MODE APPLICATIONS

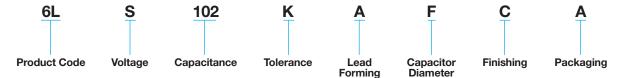
These capacitors are made of a new dielectric compound specially developed for AC or switch mode circuits that can generate dielectric heat which is limiting factor on other ceramic disc capacitors.

This new series adds the advantages of class I (low loss factor) with the advantages of class II capacitors (small sizes and lower costs).

The capacitors are epoxy coated, flame retardant class UL 94-V0. They meet the standards of the telecom and data processing industry. They are particularly suited for TV deflection and power supply circuits.



HOW TO ORDER



PERFORMANCE CHARACTERISTICS

Measured at	1.0 kHz / 0.3 Vrms / 25°C				
Dissipation Factor (%)	6LR / 6LS / 6LT ≤ 0.5% 67S / 68S ≤ 0.8%				
Capacitance Tolerance	6LR ±10% ±20% -20 +50%	6LS ±10% ±20% -20 +50%	6LT ±10% ±20% -20 +50%	67S ±20% -20 +50%	68S -20 +50%
Insulation Resistance (IR)	@ 500V → ≥ 10 GΩ				
Dielectric Strength NOTE: Charging current limited to 50 mA	1.5 x V _R + 500 (DC) Between leads and body insulation				
dV/dt test	up to 3.5 kV/µsec -40 +125°C 30 / 85 / 56 Epoxy Coated				
Operating Temperature Range (°C)					
Climatic Category					
Max. Temp. rise on the external surface of the capacitor related to ambient	Measured at 20mm from the capacitor		Taml celsiu 20 m	IS Tmay -	Tamb + 20°C

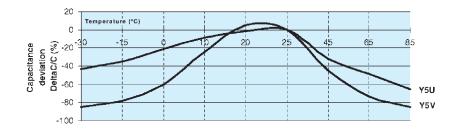


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TEMPERATURE COEFFICIENT - TYPICAL CURVES



CERTIFICATION BODY APPROVALS

			6LR		6LS		67S	
		Standard	Certificate Number	Rated Voltage	Certificate Number	Rated Voltage	Certificate Number	Rated Voltage
ľ	UL	UL 1414	E 147842	250 VAC	E 147842	250 VAC	E 147842	250 VAC

APPROVED LOGOS



CAPACITANCE VS. DISC DIAMETER

millimeters (inches)

Temp. Coefficient		Y5P	Y5U	Y5V	
Digits 1, 2, 3 of P.N.	6LR	6LS	6LT	67S	68S
Rated Voltage (V _R)	1000 VDC 130 VAC	2000 VDC 250 VAC	3000 VDC 380 VAC	2000 VDC 250 VAC	2000 VDC 250 VAC
C _R (pF)					
100 120 150 180	6.0 (0.236)	6.0 (0.236)			
220 270			6.0 (0.236)	-	
330 390 470	7.0 (0.276)	8.0 (0.315)	8.0 (0.315)		
560 680		9.0 (0.354)	9.0 (0.354)	- -	
820 1000	8.0 (0.315)	10.0 (0.394)	10.0 (0.394)	8.0 (0.315)	
1200 1500		12.0 (0.472)	12.0 (0.472)	-	
1800 2200	11.0 (0.394)	14.0 (0.551)	14.0 (0.551)	9.0 (0.354)	
2700 3300	14.0 (0.551)	16.0 (0.630)	16.0 (0.630)	10.0 (0.394)	
3900 4700	16.0 (0.630)	19.0 (0.748)	19.0 (0.748)	12.0 (0.472)	8.0 (0.315)
10000				14.0 (0.551)	11.0 (0.433)

单击下面可查看定价,库存,交付和生命周期等信息

>>AVX