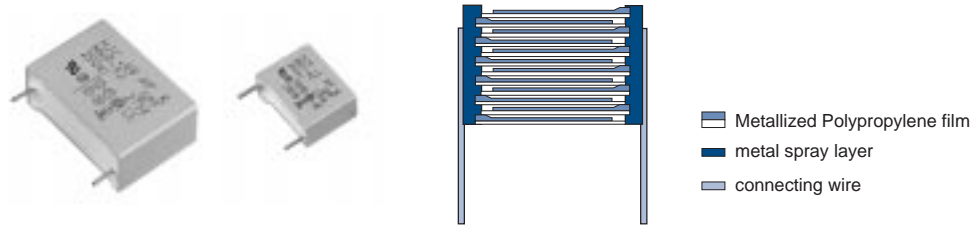


Interference Suppression Capacitors-X2

MKP



ELECTRICAL CHARACTERISTICS:

X2 type is self-healing flat style capacitor, which is wound with metallized polypropylene film dielectric and encapsulated in a flame retardant plastic (UL94V-0) case and epoxy resin end seal. They provide interference suppression in accordance to international safety standards. They are ideal for applications in across the line antenna coupling, spark killer circuit, EMI filters and switching power supplies.

Electrical Characteristics

Operating Temperature: -40 ~ +100°C
 Capacitance Range: 0.0047 ~ 2.2uF
 Capacitance Tolerance: ±10%(K), ±20%(M)
 Rated Voltage: 250/275VAC, 50~60Hz

Dissipation Factor	0.1% or less (Measured at a frequency of 1 ±0.2 khz, at 20°C, 1 Vrms)
Insulation Resistance	(Between terminals): 15000M Ω. or more (when C ≤ 0.33μF) at DC100V 5000M Ω. uF or more (when C > 0.33μF) at DC100V (2000M Ω or more at DC500V) (Between terminals and enclosure): 30000M Ω or more at DC100V 500M Ω or more at DC500V When the reading of measuring instrument becomes steady at a value after applying a voltage of DC 100 ± 15V or DC 500 ± 50V for 1 minute ±5 second, at 20°C
Withstand Voltage	(Between terminal): Nothing abnormal shall be found, when applied a voltage specified below for 1 minute. C ≤ 0.0068μF: AC1500V. DC2121V C > 0.0068μF: AC1000V. DC1768V 1. Cut-off Current AC : 2A DC : 10mA 2. Test Must Be Connected Current Limiting Resistance of 1 Ω/V 3. Slow-up voltage speed : 100V/sec (Between terminals and enclosure): Nothing abnormal shall be found, when applied a voltage of AC2000V for 1 minute.

Climate Category: In accordance with DIN40040 GPF.

a. G = Minimum Limit Temperature ...-40°C

b. P = Maximum Limit Temperature ...+100°C

C. F = Humidity Category ... Average relative humidity ≤ 75%, 95% for 30 days per year, continuously: 85% for the remaining days occasionally.