

Metallized Polypropylene Film Capacitor

series (For High Frequency Applications)



- Ideal for high frequency applications due to a metallized polypropylene film dielectric which exhibits superior operative characteristics with minimal loss at high frequency.
- Self-healing electrode and non-inductive construction provide excellent characteristics in minimal inductance having better with standing voltage capability.
- Finished by inner dipping with liquid epoxy resin and outer coating with flame-retardant epoxy resin, those double coating gives superior characteristics against moisture.
- Adapted to the RoHS directive (2002/95/EC).

Application

• High frequency circuit, general electronic circuit and etc.

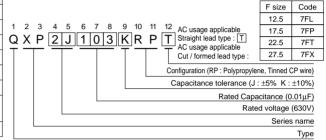
F. Minkinson 2

Specifications

Item	Performance Characteristics			
Category Temperature Range	-40 ~ +105°C (Rated temperature : 85°C)			
Rated Voltage (U _R)	250, 400, 630, 800VDC			
Rated Capacitance Range	0.01 ~ 3.3μF			
Capacitance Tolerance	±5% (J), ±10% (K)			
Dielectric Loss Tangent	0.1% or less (at 1kHz 20°C)			
Insulation Resistance	$C \le 0.33 \mu F$: 30000 M Ω or more $C > 0.33 \mu F$: 10000 ΩF or more			
Withstand Voltage	Between Terminals : Rated Voltage \times 175%, 1 ~ 5 secs. Between Terminals and Coverage : Rated Voltage \times 200%, 1 ~ 5 secs.			
Encapsulation	Flame retardant epoxy resin			

Category voltage = UR × 0.7

Type numbering system (Example: 630V 0.01µF)



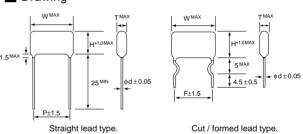
AC Voltage

 AC voltage (Operating at 50 / 60Hz AC circuit) shall be as follows However, do not use this product for across-the-line applications.

DC Rated Voltage	250VDC	400VDC	630VDC	800VDC
AC Voltage	125VAC	160VAC	200VAC	250VAC

 When used in high frequency circuit, refer to Table 2 and 4 for the values of effective voltage, current and effective VA, shown in pages 287, 290.

Drawing



1.1-24 - ----

Dimensions

P 12.5 12.5	-
12.5	12.5
12.5	-
-	12.5
10.5	
12.5	12.5
17.5	17.5
17.5	17.5
17.5	17.5
17.5	17.5
22.5	22.5
22.5	22.5
27.5	27.5
27.5	27.5
	27.5

F: lead pitch for cut / formed lead wires

250VDC (2E) $\sim 10\mu F,\,400VDC$ (2G) $\sim 4.7\mu F,\,630VDC$ (2J) $\sim 3.3\mu F,800VDC$ (2K) $\sim 1.5\mu F$ Please contact us and let us know the specification you need.

^{*}We can also custom-make.