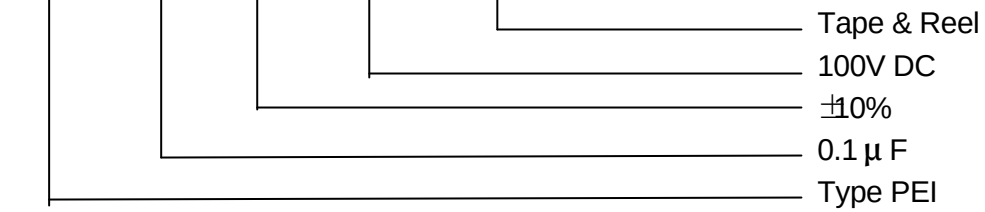
FLIM CAPACITOR

PART NUMBER DESCRIPTION (for order booking)

Material Type	Rated Cap.	Cap. Tol.	Rated Voltage	Suffix
(1)	(2)	(3)	(4)	(5)

Example: **PEI** **0.1** **K** **100V** **TR**



(**1) Type:** Please refer to "INDEX" shown in page PC-1

(2) Rated Capacitance: in (μ F)

(3) Capacitance Tolerance: G=±2%, J=±5%, K=±10%, M=±20%

(4) Rated Voltage: in volts (V), DC

(5) Suffix: To specify sizes, lead form and package. It is omitted when the capacitor is with standard long leads and in bulk package.

GENERAL SPECIFICATIONS:

Rated Capacitance	Measured at 1KHz, 25°C
Insulation Resistance	Measurement shall be made at 25°C after applying rated DC voltage or 500V DC whichever is smaller, for 60 sec.
AC Application	The peak value of the superimposed AC plus DC voltage shall not exceed the rated DC voltage. Please refer page PC-32 for derating characteristics.
Temperature Coefficient	Polyester Film Capacitor: 400±200 PPM/°C Polypropylene Film Capacitor: -240±80 PPM/°C Polystyrene Film Capacitor: -150±50 PPM/°C
Capacitance Drift	1% max when cycled through the operating temperature range.
Load Life Test: apply 150% of rated working voltage for 1000 hours, at 85°C (70°C for Polystyrene)	The capacitor shall meet the following limits: Capacitance Change: less than ±5% of initial value Dissipation Factor: less than 1.0% Insulation Resistance: More than 1,000 MΩ - μ F
Lead Bend Test	Attach a load of 1.5Kg to the lead and then bend the capacitor 90 °from the direction of lead egress, then 180 °in the opposite and back to the starting point. The lead will sustain two such cycles without breaking.
Lead Pull Test	Will withstand a pull of 3 Kg applied axially for 6 seconds.
Marking	Rated Capacitance, tolerance grade, rated Voltage