



Richey Capacitor, Inc.
Film Capacitor Part Number System

PE M R 225 K 0250 D 275 S B
1 2 3 4 5 6 7 8 9 10

- 1 – Capacitor Type: PP = Polypropylene
PE = Polyester
PS = Polystyrene
- 2 – Material: I = Inductive N = Non-inductive
M = Metallized X = X-type
H = Hi-Volt, Non-inductive Polypropylene
V = Hi-Volt, Metallized Polypropylene
- 3 – Style: R = Radial leads
B = Box radial M = Mini-box radial
T = Axial, tubular F = Axial, flat
- 4 – Capacitance: Expressed in picofarads with the first 2 digits as significant numbers and the third digit as the number of zeroes.
Example: 104 = 100,000pf = 0.1uf
(Convert to microfarads by dividing pf by 1,000,000)
- 5 – Tolerance: F = +/-1%, G = +/-2%, H = +/-2.5%, I = +/-3%
J = +/-5%, K = +/-10%, M = +/-20%
- 6 – Voltage: Actual working voltage: 0050 = 50V, 0250 = 250V, etc
- 7 – DC or AC: D = DC A = AC
- 8 – Radial Lead spacing: Digits 1-2 express lead spacing in mm Third digit shows tenth of mm with 0 = .0 and 5 = .5
Example: 050 = 5.0mm, 075 = 7.5mm, 150 = 15.0mm, and 175 = 17.5mm
- 9 – Lead Configuration: S = Straight K = Kink C = Cut
F = Formed X = Other
- 10 – Package: B = Bulk T = Tape and reel A = Ammo pack