



106DCB112K4J

DC LINK

Parts are RoHS compliant

APPLICATIONS: DC link, Welders, motor controllers

ELECTRICAL SPECIFICATIONS

Capacitance: 10 μ F

Dissipation Factor: 0.002 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/°C

Ripple Current: 11 A at 10 kHz and 70°C

ESR: 8.9 milliOhms at 10 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of pitch

dvdt: 20 V/ μ s

Tolerance: -10 % , +10 %

Temperature Range: -40°C to +85°C

WVDC: 1100 Volts DC

SVDC: 1430 Volts DC

Terminal to Terminal Dielectric strength: 1.5 times the rated DC voltage when applied between the terminals for 10 seconds

Terminal to case Dielectric strength: 3000 V when applied between the terminals and case for 60 seconds

Reliability: 300 failures/billion component hours

Load Life: 100000 hours at 70°C with 100% of rated voltage

Capacitance Change: \leq 5% of initially measured value

D.F. Change: 0 of maximum specified value

I.R. Change: 0 of minimum specified value

PHYSICAL DIMENSIONS

Length (L): 42.5 mm, 1 mm

Height (H): 37 mm, +/- 8 mm

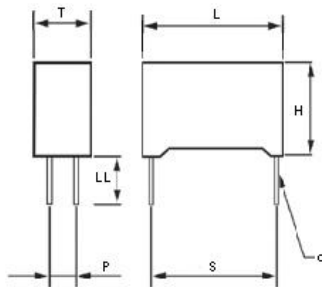
Thickness (T): 28 mm, +/- 6 mm

Lead Spacing (S): 37.5 mm, +/-0.5 mm

Lead Spacing (P): 10.2 mm, +/-0.5 mm

Lead Diameter (d): 1.2 mm, +/-0.05 mm

Lead Length (LL): 5.5mm, +/- 1.5 mm



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