



126DCB112K2J

DC LINK

Parts are RoHS compliant

APPLICATIONS: DC link, Welders, motor controllers

ELECTRICAL SPECIFICATIONS

Capacitance: 12.5 uF
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: 8.5 milliOhms at 10 kHz and 20°C
Self Inductance: 1 Nanohenries maximum per mm of pitch
dvdt: 20 V/μs

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

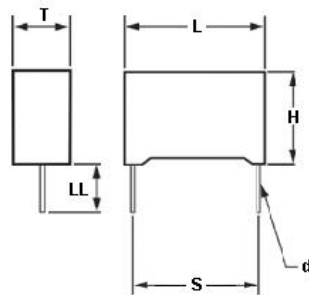
Terminal to case Dielectric strength: 3000 V when applied between the terminals and case for 60 seconds

Reliability: 300 failures/billion component hours
Load Life: 100000 hours at 70°C with 100% of rated voltage
Capacitance Change: ≤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): 45 mm, +/-1 mm
Thickness (T): 30 mm, +/- .6 mm

Lead Spacing (S): 37.5 mm, +/-0.5 mm
Lead Diameter (d): 1.2 mm, +/-0.05 mm
Lead Length (LL): 5mm, +/- 1 mm



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