

PART NUMBER: 156MPP800KS2P

DC LINK

Parts are RoHS compliant

Date code when parts became RoHS: 19



FEATURES

Radial lead, self healing metallized polypropylene, high voltage, high current, DC link, inverters, filtering
high frequency, PCB mount

APPLICATIONS

ELECTRICAL SPECIFICATIONS

Capacitance: 15 μ F

Dissipation Factor: Max at 1000 Hz and 25°C

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

Ripple Current: 18.5 A at 10 kHz - 100 kHz and 25°C

ESR: 10 milliohms (typical) at 100 kHz and 25°C

Self Inductance: 35 Nanohenries maximum per mm of body length and lead length

dvdt: 41 V/ μ s

Terminal to Terminal Dielectric strength: 1.6 times the rated DC voltage when applied between the terminals for 60 seconds

Insulation Resistance (Terminal to Terminal): 10000 Megohms MINIMUM after Volts DC is applied for seconds at

Reliability:

Load Life: Not Specified hours at 55°C with 0% of rated voltage

Capacitance Change: 0 of initially measured value

D.F. Change: 0 of maximum specified value

I.R. Change: 0 of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per 1.25%/2.25%/°C

WVDC: 800 Volts DC

SVDC: N/A Volts DC

VAC: 0 Volts AC

Terminal to case Dielectric strength: 3000 times the rated AC voltage when applied between the terminals for 60 seconds

Insulation resistance (Terminal to Case): N/A Megohms MINIMUM after Volts DC is applied for seconds at

PHYSICAL DIMENSIONS

Diameter (D): 36 mm, 1 mm

Length (L): 54 mm, 1 mm

Lead Finish: Matte Tin

Lead Spacing (S): 12.7 mm, +/-0.8 mm

Lead Diameter (d): 0.8 mm, +/-NOM mm

Lead Length (LL): 3.8mm, +/- 0.5 mm

