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LNK-P5Y-8000-80



Model: LNK-P5Y-8000-80
Capacitance C (µF): 8000
Rated DC voltage (V): 800
Peak voltage (V): 1200
Max rms current (A): 250
Peak current (A): 34000
Self inductance (nH): 30
Series resistance (mΩ): 0,22
Thermal resistance with natural cooling (°C/W):
1,45
**Full current not concentrated max working
frequency (kHz):** 20
Creepage between terminals (mm): 40
Clearance (mm): 40
Weight (kg): 16
Box qty (pcs): 1

Generalities

COMPACT DESIGN
LOW LOSSES
HIGH RIPPLE CURRENT
DRY TECHNOLOGY I.E. NO LEAKAGE PROBLEMS
SELF EXTINGUISHING RESINS AND PLASTICS ACCORDING TO
UL94
On request, Requirement R22, Hazard Level HL2 according to
EN 45545:2013 standard

Technical Info

The capacitor consists of metalized polypropylene windings filled
with dry resin. This technology gives many advantages:

- high DC voltage load capability:
- high specific ratio capacitance to volume:
- high capability to withstand surge currents:
- very good self healing characteristics.

Capacitance tolerance: ±10%, ±5% on request
Useful life: 100.000 hrs at 70°C hot-spot and Un
Failure rate: 100FIT
Operating Temperature -25°C / +70°C .
Maximum hot spot 85°C
UL file: E191589

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