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General Information

Series	C4AF
Dielectric	Metallized Polypropylene
Style	Radial
Features	Harsh Environmental Conditions
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	195.5 g
Miscellaneous	Rth = 8 C/W.

Specifications

Capacitance	55 uF
Tolerance	10%
Voltage DC	500 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	550 MOhms
Max dV/dt	18 V/us
ESR	2.4 mOhms
Ripple Current	33.9 Amps Irms (MAX), 960 Amps Ipk
Inductance	41 nH (ESL)

Dimensions

L	57.5mm +0.8/-0.7mm
H	56mm +0.3/-0.7mm
T	45mm +0.5/-0.7mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	18