

C4AF9BW4750F3FK

C4AF, Film, Metallized Polypropylene, Power, 7.5 uF, 10%, 630 VDC, 310 VAC, 85°C, 37.5 mm



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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	50 g
Miscellaneous	Rth = 20 C/W.

Specifications

Capacitance	7.5 uF
Tolerance	10%
Voltage DC	630 VDC
Voltage AC	310 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	4 GOhms
Max dV/dt	20 V/us
ESR	7.5 mOhms
Ripple Current	10.9 Amps Irms (MAX), 150 Amps Ipk
Inductance	15.6 nH (ESL)

Dimensions

L	42mm +0.6/-0.7mm
H	40mm +0.2/-0.7mm
T	20mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	58

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