

C4AF1BW5400F3NK

C4AF, Film, Metallized Polypropylene, Power, 40 uF, 10%, 500 VDC, 250 VAC, 85°C, 52.5 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	138 g
Miscellaneous	Rth = 10 C/W.

Specifications

Capacitance	40 uF
Tolerance	10%
Voltage DC	500 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	750 MOhms
Max dV/dt	8 V/us
ESR	40 mOhms
Ripple Current	23.2 Amps Irms (MAX), 320 Amps Ipkr
Inductance	19.5 nH (ESL)

Dimensions

L	57.5mm +0.8/-0.7mm
H	50mm +0.3/-0.7mm
T	35mm +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	23

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