

C4AF, Film, Metallized Polypropylene, Power, 10 uF, 10%, 500 V, 85C, Lead Spacing = 37.5mm



General Information	
Supplier:	KEMET
Series:	C4AF
Dielectric:	Metallized Polypropylene
Style:	Radial
RoHS:	Yes
Lead:	4 Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 20 C/W

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

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Voltage AC:	250 VAC
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.02% (10 kHz 25C)
Max dV/dt:	27 V/us
Resistance:	4.8 mOhms
Current:	15.2 Amps Irms, 272 Amps Ipkr
Inductance:	29 nH

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	58