

C4AF, Film, Metallized Polypropylene, Power, 6.8 uF, 10%, 400 VAC, 800 VDC, 85C, Lead Spacing = 37.5mm



General Information	
Supplier:	KEMET
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
Miscellaneous:	Rth = 15 C/W

Dimensions	
L	42mm +0.6mm
H	45mm +0.2mm
T	30mm +0.4mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Specifications	
Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage AC:	400 VAC
Voltage DC:	800 VDC
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.07% MAX
Max dV/dt:	90 V/us
Resistance:	2.6 mOhms
Ripple Current:	20.4 Amps Irms (MAX), 612 Amps Ipk
Inductance:	33 nH (ESL)

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	36