

C4AE, Film, Metallized Polypropylene, DC Link, 75 uF, 5%, 450 VDC, 70°C, Lead Spacing = 52.5mm



General Information	
Series:	C4AE
Dielectric:	Metallized Polypropylene
Style:	Radial
RoHS:	Yes
Termination:	Tin
Lead:	4 Wire Leads
AEC-Q200:	No
Component Weight:	94.8 g
Miscellaneous:	Thermal Resistance = 12 C/W.
Notes:	Not for new design – the replacement series is: C4AQ.

Dimensions	
L	57.5mm +0.6/-0.7mm
H	45mm +0.3/-0.7mm
T	30mm +0.5/-0.7mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm NOM
G	0.5mm NOM

Specifications	
Capacitance:	75 uF
Capacitance Tolerance:	5%
Voltage DC:	450 VDC
Temperature Range:	-40/+85°C
Rated Temperature:	70°C
Insulation Resistance:	400 MOhms
Max dV/dt:	7 V/us
Resistance:	3.4 mOhms (10kHz 70C)
Ripple Current:	18 Amps (10kHz 70C), 503 Amps (Peak)
Inductance:	35 nH

Packaging Specifications	
Packaging:	Bulk, Box