


[Click here for the 3D model.](#)

#### General Information

Series	C4AQ
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	23.5 g
Miscellaneous	$R_{th} = 33 \text{ C/W}$ .

#### Dimensions

L	41.5mm +0.6/-0.7mm
H	15mm +0.2/-0.7mm
T	24mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

#### Specifications

Capacitance	12 uF
Tolerance	10%
Voltage DC	500 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	2.5 GOhms
Max dV/dt	6 V/us
ESR	10.7 mOhms (10kHz 70C)
Ripple Current	8.6 Amps Irms (10kHz 70C), 78 Amps Ipkr
Inductance	7 nH

#### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	132

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.