



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

General Information

Series	C4AE
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	4 Wire Leads
AEC-Q200	No
Typical Component Weight	52.9 g
Miscellaneous	Thermal Resistance = 17 C/W.

Dimensions

L	42mm +0.6/-0.7mm
H	44mm +0.2/-0.7mm
T	24mm +0.4/-0.7mm
S	37.5mm NOM
S1	10.2mm NOM

Packaging Specifications

Packaging	Bulk, Box
-----------	-----------

Specifications

Capacitance	55 uF
Capacitance Tolerance	10%
Voltage DC	450 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	550 MOhms
Max dV/dt	9 V/us
ESR	2.6 mOhms (10kHz 70C)
Ripple Current	17 Amps Irms (10kHz 70C), 481 Amps Ipk
Inductance	30 nH

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.