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Dimensions

L	31.5mm +0.5/-0.7mm
H	29mm +0.2/-0.7mm
T	19mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm -2mm
F	0.8mm NOM
G	0.5mm NOM

Packaging Specifications

Packaging	Bulk, Box
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General Information

Series	C4AE
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Termination	Tin
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	21.5 g
Miscellaneous	Thermal Resistance = 29 C/W.
Notes	Not for new design – the replacement series is: C4AQ.

Specifications

Capacitance	12.5 uF
Capacitance Tolerance	5%
Voltage DC	450 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	2.4 GOhms
Max dV/dt	15 V/us
ESR	6.2 mOhms (10kHz 70C)
Ripple Current	8.5 Amps (10kHz 70C), 187 Amps (Peak)
Inductance	26 nH