

C4AQILU4750A19J

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 7.5 uF, 5%, 800 VDC, 70°C, 27.5 mm



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General Information

Series	C4AQ
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	28.3 g
Miscellaneous	Rth = 30 C/W.

Dimensions

L	32mm +0.5/-0.7mm
H	19mm +0.2/-0.7mm
T	31mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	80

Specifications

Capacitance	7.5 uF
Tolerance	5%
Voltage DC	800 VDC
Temperature Range	-55/+105°C
Rated Temperature	70°C
Insulation Resistance	4 GOhms
Max dV/dt	19 V/us
ESR	7.3 mOhms (10kHz 70C)
Ripple Current	10.9 Amps Irms (10kHz 70C), 145 Amps Ipk
Inductance	16 nH

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