

C4AU, Film, Metallized Polypropylene, Automotive DC Link, 40 uF, 5%, 700 VDC, Lead Spacing = 37.5mm



General Information	
Series:	C4AU
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	DC Filtering
RoHS:	Yes
Lead:	4 Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 15 C/W.

Dimensions	
L	42mm +/-1mm
H	45mm +/-1mm
T	30mm +/-1mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm -2mm
F	1.2mm +/-0.05mm

Specifications	
Capacitance:	40 uF
Capacitance Tolerance:	5%
Voltage DC:	700 VDC
Temperature Range:	-55/+105°C
Insulation Resistance:	750 MOhms
Max dV/dt:	30 V/us
Resistance:	2.8 mOhms (10kHz 70C)
Ripple Current:	24.9 Amps Irms (10kHz 95C), 1200 Amps Ipr
Inductance:	13 nH

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	36

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