

C4AQILU4380A12J

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 3.8 uF, 5%, 800 VDC, 70°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions | , |
|------------|------------------|
| L | 32mm +0.5/-0.7mm |
| н | 15mm +0.2/-0.7mm |
| Т | 24mm +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 | 168 |

| General Information | | |
|---------------------|--------------------------------------|--|
| Series | C4AQ | |
| Dielectric | Metallized Polypropylene | |
| Style | Radial | |
| RoHS | Yes | |
| Lead | Wire Leads | |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 | |
| AEC-Q200 | Yes | |
| Component Weight | 18.3 g | |
| Miscellaneous | Rth = 39 C/W. | |

| Specifications | |
|-----------------------|---|
| Capacitance | 3.8 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 800 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 70°C |
| Insulation Resistance | 7.89 GOhms |
| Max dV/dt | 19 V/us |
| Resistance | 13.2 mOhms (10kHz 70C) |
| Ripple Current | 7.1 Amps Irms (10kHz 70C), 73 Amps Ipkr |
| Inductance | 13 nH |

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