KEMET Part Number: C4AQIBU5125A12J



C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 12.5 uF, 5%, 800 V, 70C, Lead Spacing = 27.5mm



| Dimensions | | |
|------------|-----------------|--|
| L | 31.5mm +/-0.5mm | |
| Н | 37mm +/-0.2mm | |
| Т | 22mm +/-0.3mm | |
| S | 27.5mm +/-0.4mm | |
| LL | 6mm +0/-2mm | |
| F | 0.8mm +/-0.05mm | |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging: | Bulk, Box | |
| Packaging Quantity: | 64 | |

| General Information | | |
|---------------------|---|--|
| Supplier: | KEMET | |
| Series: | C4AQ | |
| Dielectric: | Metallized Polypropylene | |
| Style: | Radial | |
| RoHS: | Yes | |
| Lead: | Wire Leads | |
| Qualifications: | AEC-Q200, IEC61071, EN61071, VDE0560 | |
| AEC-Q200: | Yes | |
| Miscellaneous: | Rth = 23 C/W | |

| Specifications | | |
|------------------------|-----------------------|--|
| Capacitance: | 12.5 uF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 800 VDC | |
| Temperature Range: | -40/+105C | |
| Rated Temperature: | 70C | |
| Dissipation Factor: | 0.02% (10 kHz 25C) | |
| Insulation Resistance: | 2.4 Ohms | |
| Max dV/dt: | 19 V/us | |
| Resistance: | 5.5 mOhms (10kHz 70C) | |
| Inductance: | 28 nH | |

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