

R47_X1, Film, Metallized Polypropylene, Automotive Safety, 0.01 uF, 10%, 440 VAC (X1), 1000 VDC, 110°C, Lead Spacing = 10mm



| General Information | |
|---------------------|------------------------------|
| Supplier: | KEMET |
| Series: | R47_X1 |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| Features: | Automotive Grade, EMI Safety |
| RoHS: | Yes |
| Lead: | Wire Leads |
| Qualifications: | AEC-Q200, ENEC, UL, cUL |
| AEC-Q200: | Yes |

| Dimensions | |
|------------|-----------------|
| L | 13mm +0.2mm |
| H | 12mm +0.1mm |
| T | 6mm +0.2mm |
| S | 10mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.6mm +/-0.05mm |

| Specifications | |
|------------------------|--------------|
| Capacitance: | 0.01 uF |
| Capacitance Tolerance: | 10% |
| Voltage AC: | 440 VAC (X1) |
| Voltage DC: | 1000 VDC |
| Temperature Range: | -40/+110C |
| Rated Temperature: | 110°C |
| Dissipation Factor: | 0.10% 1kHz |
| Insulation Resistance: | 100 GOhms |
| Max dV/dt: | 750 V/us |
| Safety Class: | X1 |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 1200 |