KEMET Part Number: C1206C475K3RACAUTO



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 4.7 uF, +/-10% Tol, 25 V, X7R, 1206 (3216 metric)



| General Information | | |
|--------------------------|--|--|
| Supplier: | KEMET | |
| Application: | Automotive (AEC-Q200 Qualified) | |
| Chip Size: | 1206 (3216 metric) | |
| Temperature Coefficient: | X7R | |
| Part Type Description: | SMD, MLCC, Temperature Stable, Automotive Grade | |
| Termination Type: | Tin (Sn) | |
| Marked: | No | |
| RoHS: | Yes | |
| Approvals: | AEC-Q200 | |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 3.2 | +/-0.2 |
| W | 1.6 | +/-0.2 |
| Т | 1.6 | +/-0.20 |
| В | 0.5 | +/-0.25 |

| Packaging Specifications | | |
|--------------------------|--------------|--|
| Package Kind: | T&R | |
| Package Size: | 7 in/180 mm | |
| Package Type: | Plastic Tape | |
| Package Quantity: | 2000 | |

| Specifications | |
|------------------------|--|
| Capacitance: | 4.7 uF |
| Voltage: | 25 V |
| Tolerance: | +/-10% |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 3.5% |
| Failure Rate: | N/A |
| Aging Rate: | 3% loss/decade hour |
| Insulation Resistance: | 110 MOhm |
| Dielectric Strength: | 62.5 V |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |

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