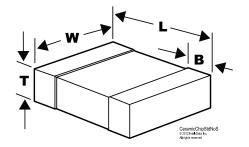
## KEMET Part Number: C1206C473K2RACAUTO



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.047 uF, +/-10% Tol, 200 V, X7R, 1206 (3216 metric)



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

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 3.2       | +/-0.2    |
| W               | 1.6       | +/-0.2    |
| т               | 1         | +/-0.10   |
| В               | 0.5       | +/-0.25   |

| Packaging Specifications |              |  |
|--------------------------|--------------|--|
| Package Kind:            | T&R          |  |
| Package Size:            | 7 in/180 mm  |  |
| Package Type:            | Plastic Tape |  |
| Package Quantity:        | 2500         |  |

| Specifications         |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| Capacitance:           | 0.047 uF                                                                       |
| Voltage:               | 200 V                                                                          |
| Tolerance:             | +/-10%                                                                         |
| Temperature Range:     | -55/+125C                                                                      |
| Dissipation Factor:    | 2.5%                                                                           |
| Failure Rate:          | N/A                                                                            |
| Aging Rate:            | 3% loss/decade hour                                                            |
| Insulation Resistance: | 21.28 GOhm                                                                     |
| Dielectric Strength:   | 500 V                                                                          |
| Miscellaneous:         | Note: Referee time for X7R<br>dielectric for this part number is<br>1000 hours |

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