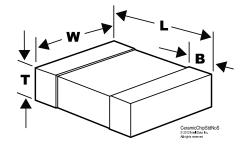
## KEMET Part Number: C1206F224K1RACAUTO



## Capacitor, Ceramic, SMD, MLCC, Open Mode, Auto Grade, 0.22 uF, +/-10% Tol, 100 V, X7R, 1206 (3216 metric)



| General Information      |   |  |
|--------------------------|---|--|
| Supplier:                | KEMET   |  |
| Application:             | Automotive/Open Mode (AEC-<br>Q200 Qualified) |  |
| Chip Size:               | 1206 (3216 metric)                            |  |
| Temperature Coefficient: | X7R   |  |
| Part Type Description:   | SMD, MLCC, Open Mode, Auto<br>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         | +/-0.20   |
| 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:           | 0.22 uF  |  |
| Voltage:               | 100 V  |  |
| Tolerance:             | +/-10%   |  |
| Temperature Range:     | -55/+125C  |  |
| Dissipation Factor:    | 2.5%   |  |
| Failure Rate:          | N/A  |  |
| Aging Rate:            | 3% loss/decade hour  |  |
| Insulation Resistance: | 2.27 GOhm  |  |
| Dielectric Strength:   | 250 V  |  |
| Miscellaneous:         | Note: Referee time for X7R<br>dielectric for this part number is<br>1000 hours |  |

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