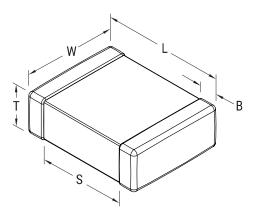
KEMET Part Number: C0805R274K5RACT500



SMD Indust X7R HT175C, Ceramic, 175C, 0.27 uF, 10%, 50 VDC, X7R, SMD, MLCC, High Temperature, FT-Cap, 0805



| Dimensions | | |
|------------|------------------|--|
| L | 2mm +/-0.3mm | |
| W | 1.25mm +/-0.3mm | |
| Т | 1.25mm +/-0.15mm | |
| S | 0.75mm MIN | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | |
|--------------------------|----------|
| Packaging: | Cut Reel |
| Packaging Quantity: | 500 |

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Indust X7R HT175C |
| Style: | SMD Chip |
| Description: | SMD, MLCC, High Temperature, FT-Cap |
| Features: | FT-CAP, High Temperature |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| Chip Size: | 0805 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.27 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 V | |
| Temperature Range: | -55/+175C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 1.852 GOhms | |

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