KEMET Part Number: C1812C154K5HACTU

(C1812C154K5HAC7800)



SMD Comm X8R HT150C, Ceramic, 0.15 uF, 10%, 50 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 1812



| Dimensions | | |
|------------|------------------|--|
| L | 4.5mm +/-0.3mm | |
| W | 3.2mm +/-0.3mm | |
| Т | 1.25mm +/-0.15mm | |
| В | 0.6mm +/-0.35mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging: | T&R, 180mm, Plastic Tape | |
| Packaging Quantity: | 1000 | |

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm X8R HT150C |
| Style: | SMD Chip |
| Description: | SMD, MLCC, High Temperature, Ultra-Stable |
| Features: | High Temperature, Ultra-Stable |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Miscellaneous: | Note: Referee time for X8R dielectric for this part number is 1000 hours |
| Chip Size: | 1812 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.15 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 V | |
| Temperature Range: | -55/+150C | |
| Temperature Coefficient: | X8R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 6.667 GOhms | |

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