

KEMET Part Number: C0805C472K5HACTU
(C0805C472K5HAC7800)

SMD Comm X8R HT150C, Ceramic, 4700 pF, 10%, 50 V, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 0805



| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| T | 0.78mm +/-0.10mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|------------------------|
| Packaging: | T&R, 180mm, Paper Tape |
| Packaging Quantity: | 4000 |

| 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 |
| Failure Rate: | N/A |
| Miscellaneous: | Note: Referee time for X8R dielectric for this part number is 1000 hours |
| Chip Size: | 0805 |

| Specifications | |
|----------------------------------|---------------------|
| Capacitance: | 4700 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+150C |
| Temperature Coefficient: | X8R |
| Dissipation Factor: | 2.5% 1kHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |