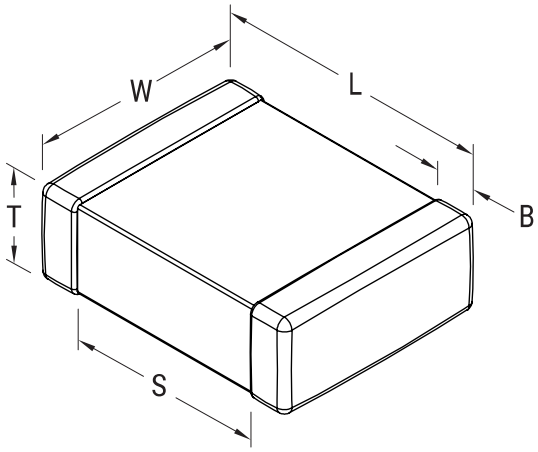
# CHA04C470M4RXC7189

SMD HRA X7R, Ceramic, 47 pF, 20%, 16 VDC, X7R, High Reliability Alternative (HRA), X-LEVEL, 0402 / 1005




Click here for the 3D model.

| General Information | |
|---|---|
| Series | SMD HRA X7R |
| Style | SMD Chip |
| Description | High Reliability Alternative (HRA), X-LEVEL |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Typical Component Weight | 1.21 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 1mm +/-0.05mm |
| W | 0.5mm +/-0.05mm |
| T | 0.5mm +/-0.05mm |
| S | 0.3mm MIN |
| B | 0.3mm +/-0.1mm |
| Case Code (EIA / mm) | 0402 / 1005 |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 10000 |

| Specifications | |
|---|---|
| Capacitance | 47 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 20% |
| Voltage DC | 16 VDC |
| Dielectric Withstanding Voltage | 40 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 3.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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