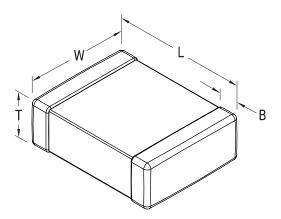
KEMET Part Number: C1206C225K3NACTU

(C1206C225K3NAC7800)



SMD Comm X8L HT150C, Ceramic, 2.2 uF, 10%, 25 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, 1206



| Dimensions | | |
|------------|-----------------|--|
| Chip Size | 1206 | |
| L | 3.2mm +/-0.2mm | |
| W | 1.6mm +/-0.2mm | |
| Т | 1.6mm +/-0.20mm | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging: | T&R, 180mm, Plastic Tape | |
| Packaging Quantity: | 2000 | |

| General Information | | |
|---------------------|--|--|
| Series: | SMD Comm X8L HT150C | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, High Temperature, Temperature Stable | |
| Features: | High Temperature, Temperature Stable | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| AEC-Q200: | No | |
| Component Weight: | 41 mg | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | |
|---|--|
| Capacitance: | 2.2 uF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 VDC |
| Temperature Range: | -55/+150°C |
| Temperature Coefficient: | X8L |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | +15%/-40%, 1kHz 1.0Vrms |
| Dissipation Factor: | 2.5% 1 kHz 1.0Vrms |
| Aging Rate: | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance: | 227.3 MOhms |

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