



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|---|
| Series | KPS SMD Comm X8L HT150C |
| Style | Stacked Chip |
| Description | SMD, MLCC, Stacked, Double Chip, High Temperature |
| Features | High Temperature |
| RoHS | Yes |
| Termination | Tin |
| Typical Component Weight | 290 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|------------------|
| L | 3.5mm +/-0.3mm |
| W | 2.6mm +/-0.3mm |
| T | 6.15mm +/-0.15mm |
| B | 0.8mm +/-0.15mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 300 |

| Specifications | |
|--|---|
| Capacitance | 2.2 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 20% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+150°C |
| Temp. Coefficient | X8L |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | +15% (-55C to +125C), +15/-40% (125C to 150C), 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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