KEMET Part Number: C1206C105K3NACTU

(C1206C105K3NAC7800)



Ceramic, 150C-(CxxxxC), 1 uF, 10%, 25 V, 1206, X8L, SMD, MLCC, High Temperature, Temperature Stable



| Dimensions | | |
|------------|-----------------|--|
| L | 3.2mm +/-0.2mm | |
| W | 1.6mm +/-0.2mm | |
| Т | 1mm +/-0.10mm | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging: | T&R, 180mm, Plastic Tape | |
| Packaging Quantity: | 2500 | |

| General Information | | |
|---------------------|--|--|
| Style: | SMD Chip | |
| Series: | 150C-(CxxxxC) | |
| Chip Size: | 1206 | |
| Description: | SMD, MLCC, High Temperature, Temperature Stable | |
| Features: | High Temperature, Temperature Stable | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| Failure Rate: | N/A | |
| Miscellaneous: | Note: Referee time for X8L dielectric for this part number is 1000 hours | |

| Specifications | | |
|--------------------------|---------------------|--|
| Capacitance: | 1 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 25 VDC | |
| Temperature Range: | -55/+150C | |
| Temperature Coefficient: | X8L | |
| Dissipation Factor: | 2.5% | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 500 MOhms | |
| Dielectric Strength: | 62.5 V | |

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