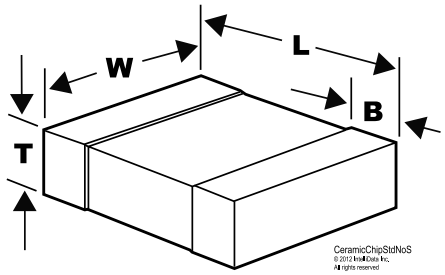
# KEMET Part Number: C1210C106K8NACTU

(C1210C106K8NAC7800)

Ceramic, 150C-(CxxxxC), 10 uF, 10%, 10 V, 1210, X8L, SMD, MLCC, High Temperature, Temperature Stable




| General Information | |
|---|---|
| **Style:** | SMD Chip |
| **Series:** | 150C-(CxxxxC) |
| **Chip Size:** | 1210 |
| **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 |

| Dimensions | |
|---|---|
| **L** | 3.2mm +/-0.2mm |
| **W** | 2.5mm +/-0.2mm |
| **T** | 2.5mm +/-0.30mm |
| **B** | 0.5mm +/-0.25mm |

| Specifications | |
|---|---|
| **Capacitance:** | 10 uF |
| **Capacitance Tolerance:** | 10% |
| **Voltage DC:** | 10 VDC |
| **Temperature Range:** | -55/+150C |
| **Temperature Coefficient:** | X8L |
| **Dissipation Factor:** | 3.5% |
| **Aging Rate:** | 3% Loss/Decade Hour |
| **Insulation Resistance:** | 50 MOhms |
| **Dielectric Strength:** | 25 V |

| Packaging Specifications | |
|---|---|
| **Packaging:** | T&R, 180mm, Plastic Tape |
| **Packaging Quantity:** | 1000 |

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