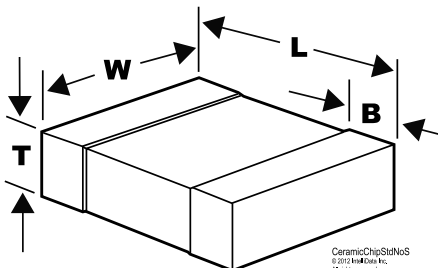


**KEMET Part Number: C1210C106K4PALTU**  
(C1210C106K4PAL7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 10 uF, +/-10% Tol, 16V, X5R, 1210 (3225 metric)



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 3.2       | +/-0.2    |
| W               | 2.5       | +/-0.2    |
| T               | 2.10      | +/-0.20   |
| B               | 0.5       | +/-0.25   |

| Packaging Specifications |              |
|--------------------------|--------------|
| Package Kind:            | T&R          |
| Package Size:            | 7in          |
| Package Type:            | Plastic Tape |
| Package Quantity:        | 2000         |

| General Information       |  |
|---------------------------|--|
| Supplier:                 | KEMET  |
| Part Type Description:    | SMD, MLCC, Temperature Stable, Class II                                  |
| Miscellaneous Electrical: | Note: Referee time for X5R dielectric for this part number is 1000 hours |

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 10 uF               |
| Chip Size:               | 1210 (3225 metric)  |
| Voltage:                 | 16V                 |
| Temperature Coefficient: | X5R                 |
| Tolerance:               | +/-10%              |
| Application:             | Standard Chip       |
| Termination Type:        | Tin-Lead (SnPb)     |
| Marked:                  | No                  |
| Temperature Range:       | -55/+85C            |
| Dissipation Factor:      | 10%                 |
| Aging Rate:              | 4% loss/decade hour |
| Insulation Resistance:   | 50 MOhm             |
| Dielectric Strength:     | 40V                 |