

KEMET Part Number: C0805C106K3PACTU
(C0805C106K3PAC7800)

Ceramic, Commercial-(CxxxxC), 10 uF, 10%, 25 V, 0805, X5R, SMD, MLCC, Temperature Stable, Class II



| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| T | 1.25mm +/-0.20mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

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

| General Information | |
|---------------------|------------------------------------------------------------------------|
| Style: | SMD Chip |
| Series: | Commercial-(CxxxxC) |
| Chip Size: | 0805 |
| Description: | SMD, MLCC, Temperature Stable, Class II |
| Features: | Temperature Stable, Class II |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Miscellaneous: | Note: Referee time for X5R dielectric for this part number is 48 hours |

| Specifications | |
|--------------------------|---------------------|
| Capacitance: | 10 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| Temperature Range: | -55/+85C |
| Temperature Coefficient: | X5R |
| Dissipation Factor: | 10% |
| Aging Rate: | 4% Loss/Decade Hour |
| Insulation Resistance: | 10 MOhms |
| Dielectric Strength: | 62.5 V |