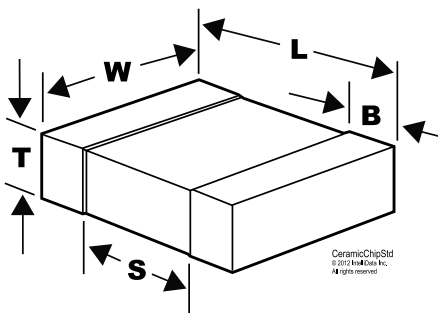


# KEMET Part Number: C0805C106M4PACTU

(C0805C106M4PAC7800, C0805C106M4PACTR, 0805C106M4PACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 10 uF, 20%, 16 V, 0805, X5R, SMD, MLCC, Temperature Stable, Class II



## Dimensions

|   |                  |
|---|------------------|
| L | 2mm +/-0.2mm     |
| W | 1.25mm +/-0.2mm  |
| T | 1.25mm +/-0.15mm |
| 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   |
| Supplier:      | KEMET  |
| Series:        | Commercial-(CxxxxC)  |
| Chip Size:     | 0805   |
| Description:   | SMD, MLCC, 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:   | 20%                 |
| Voltage DC:              | 16 VDC              |
| Temperature Range:       | -55/+85C            |
| Temperature Coefficient: | X5R                 |
| Dissipation Factor:      | 10%                 |
| Aging Rate:              | 4% Loss/Decade Hour |
| Dielectric Strength:     | 40 V                |

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