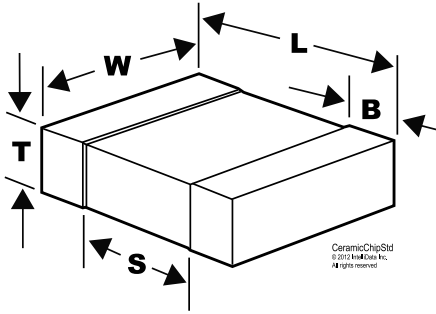


KEMET Part Number: C0603C684K4PACTU

(C0603C684K4PAC7867, C0603C684K4PACTR, 0603C684K4PACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 0.68 uF, 10%, 16 V, 0603, X5R, SMD, MLCC, Temperature Stable, Class II



| Dimensions | |
|------------|------------------|
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.10mm |
| S | 0.7mm MIN |
| B | 0.35mm +/-0.15mm |

| Packaging Specifications | |
|--------------------------|------------------------|
| Packaging: | T&R, 180mm, Paper Tape |
| Packaging Quantity: | 4000 |

| General Information | |
|---------------------|--|
| Style: | SMD Chip |
| Supplier: | KEMET |
| Series: | Commercial-(CxxxxC) |
| Chip Size: | 0603 |
| 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 1000 hours |

| Specifications | |
|--------------------------|---------------------|
| Capacitance: | 0.68 uF |
| Capacitance Tolerance: | 10% |
| 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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