KEMET Part Number: C1210C186K8PACTU

(C1210C186K8PAC7800)



SMD Comm X5R, Ceramic, 18 uF, 10%, 10 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 1210



| Dimensions | |
|------------|------------------|
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| Т | 1.25mm +/-0.15mm |
| В | 0.5mm +/-0.25mm |

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

| General Information | | |
|---------------------|--|--|
| Supplier: | KEMET | |
| Series: | SMD Comm X5R | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, Temperature Stable, Class II | |
| Features: | Temperature Stable, Class II | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| Miscellaneous: | Note: Referee time for X5R dielectric for this part number is 1000 hours | |
| Chip Size: | 1210 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 18 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 10 VDC | |
| Dielectric Withstanding Voltage: | 25 V | |
| Temperature Range: | -55/+85C | |
| Temperature Coefficient: | X5R | |
| Dissipation Factor: | 10.00% 120Hz 25C | |
| Aging Rate: | 5% Loss/Decade Hour | |
| Insulation Resistance: | 6 MOhms | |

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