

KEMET Part Number: C1210C226K3PACTU
(C1210C226K3PAC7800)



SMD Comm X5R, Ceramic, 22 uF, 10%, 25 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 1210



| Dimensions | |
|------------|--------------------|
| Chip Size | 1210 |
| L | 3.2mm +/-0.3mm |
| W | 2.5mm +/-0.3mm |
| T | 2.5mm +/-0.30mm |
| B | 0.5mm +0.4/-0.25mm |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 1000 |

| General Information | |
|---------------------|---|
| 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 |
| AEC-Q200: | No |
| Component Weight: | 135 mg |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | |
|---|---|
| Capacitance: | 22 uF |
| Measurement Condition: | 120 Hz 0.5Vrms |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 VDC |
| Temperature Range: | -55/+85°C |
| Temperature Coefficient: | X5R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 15%, 120Hz 0.5Vrms |
| Dissipation Factor: | 10% 120 Hz 0.5Vrms |
| Aging Rate: | 5% Loss/Decade Hour: Referee Time is 48 Hours |
| Insulation Resistance: | 4.5 MOhms |

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