

KEMET Part Number: C1210T824J1RACTU
(C1210T824J1RAC7800)

SMD COTS X7R, Ceramic, 0.82 uF, 5%, 100 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 1210



Dimensions

| Chip Size | 1210 |
|-----------|-----------------|
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| T | 1.4mm +/-0.15mm |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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|----------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2000 |

General Information

| | |
|--------------------------|---|
| Series: | SMD COTS X7R |
| Style: | SMD Chip |
| Description: | SMD, MLCC, COTS, Temperature Stable, Class II |
| Features: | Temperature Stable, Class II |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | Testing per MIL-PRF-55681 PDA 8% |
| AEC-Q200: | No |
| Component Weight: | 65 mg |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

| | |
|--|---|
| Capacitance: | 0.82 uF |
| Measurement Condition: | 1 kHz 1.0Vrms |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 100 VDC |
| Dielectric Withstanding Voltage: | 250 VDC |
| Temperature Range: | -55/+125°C |
| Temperature Coefficient: | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 15%, 1kHz 1.0Vrms |
| Dissipation Factor: | 2.5% 1 kHz 1.0Vrms |
| Aging Rate: | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance: | 609.8 MOhms |

单击下面可查看定价，库存，交付和生命周期等信息

[>>KEMET\(基美\)](#)