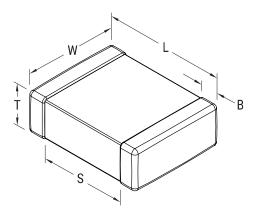
KEMET Part Number: C0603C823J3RACTU

(C0603C823J3RAC7867)



SMD Comm X7R, Ceramic, 0.082 uF, 5%, 25 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0603



| Dimensions | | |
|------------|------------------|--|
| L | 1.6mm +/-0.15mm | |
| W | 0.8mm +/-0.15mm | |
| Т | 0.8mm +/-0.07mm | |
| S | 0.7mm MIN | |
| В | 0.35mm +/-0.15mm | |

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

| General Information | | |
|---------------------|--|--|
| Supplier: | KEMET | |
| Series: | SMD Comm X7R | |
| 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 X7R dielectric for this part number is 1000 hours | |
| Chip Size: | 0603 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.082 uF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 25 VDC | |
| Dielectric Withstanding Voltage: | 62.5 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 3.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 6.098 GOhms | |

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