

**KEMET Part Number: C0603C150M8GACTU**  
(C0603C150M8GAC7867)



SMD Comm C0G, Ceramic, 15 pF, 20%, 10 V, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603



**Dimensions**

|          |                  |
|----------|------------------|
| <b>L</b> | 1.6mm +/-0.15mm  |
| <b>W</b> | 0.8mm +/-0.15mm  |
| <b>T</b> | 0.8mm +/-0.07mm  |
| <b>S</b> | 0.7mm MIN        |
| <b>B</b> | 0.35mm +/-0.15mm |

**Packaging Specifications**

|                            |                        |
|----------------------------|------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Paper Tape |
| <b>Packaging Quantity:</b> | 4000                   |

**General Information**

|                      |                                            |
|----------------------|--------------------------------------------|
| <b>Supplier:</b>     | KEMET                                      |
| <b>Series:</b>       | SMD Comm C0G                               |
| <b>Style:</b>        | SMD Chip                                   |
| <b>Description:</b>  | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| <b>Features:</b>     | Ultra-Stable, Low Loss, Class I            |
| <b>RoHS:</b>         | Yes                                        |
| <b>Termination:</b>  | Tin                                        |
| <b>Marking:</b>      | No                                         |
| <b>Failure Rate:</b> | N/A                                        |
| <b>Chip Size:</b>    | 0603                                       |

**Specifications**

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Capacitance:</b>                     | 15 pF               |
| <b>Capacitance Tolerance:</b>           | 20%                 |
| <b>Voltage DC:</b>                      | 10 VDC              |
| <b>Dielectric Withstanding Voltage:</b> | 25 V                |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | C0G                 |
| <b>Dissipation Factor:</b>              | 0.1% 1MHz 25C       |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 100 GOhms           |

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