

**KEMET Part Number: C0805C150J1GACTU**  
 (C0805C150J1GAC7800, C0805C150J1GACTR, 0805C150J1GACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 15 pF, 5%, 100 V, 0805, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| General Information |                                            |
|---------------------|--------------------------------------------|
| Style:              | SMD Chip                                   |
| Supplier:           | KEMET                                      |
| Series:             | Commercial-(CxxxxC)                        |
| Chip Size:          | 0805                                       |
| Description:        | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| RoHS:               | Yes                                        |
| Termination:        | Tin                                        |
| Marking:            | No                                         |
| Failure Rate:       | N/A                                        |

| Dimensions |                  |
|------------|------------------|
| L          | 2mm +/-0.2mm     |
| W          | 1.25mm +/-0.2mm  |
| T          | 0.78mm +/-0.10mm |
| S          | 0.75mm MIN       |
| B          | 0.5mm +/-0.25mm  |

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 15 pF               |
| Capacitance Tolerance:   | 5%                  |
| Voltage DC:              | 100 VDC             |
| Temperature Range:       | -55/+125C           |
| Temperature Coefficient: | COG                 |
| Dissipation Factor:      | 0.1%                |
| Aging Rate:              | 0% Loss/Decade Hour |
| Dielectric Strength:     | 250 V               |

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

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