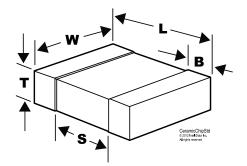
## KEMET Part Number: C0402H151J5GACTU

(C0402H151J5GAC7867)



Capacitor, Ceramic, SMD, MLCC, High Temp, Ultra-Stable, Low Loss, 150 pF, +/-5% Tol, 50 V, C0G, 0402 (1005 metric)



| General Information      |  |  |
|--------------------------|--|--|
| Supplier:                | KEMET  |  |
| Application:             | 200C   |  |
| Chip Size:               | 0402 (1005 metric)                               |  |
| Temperature Coefficient: | COG  |  |
| Part Type Description:   | SMD, MLCC, High Temp, Ultra-<br>Stable, Low Loss |  |
| Termination Type:        | Tin (Sn)   |  |
| Marked:                  | No   |  |
| RoHS:                    | Yes  |  |

| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 1         | +/-0.05   |  |
| W               | 0.5       | +/-0.05   |  |
| Т               | 0.5       | +/-0.05   |  |
| В               | 0.3       | +/-0.1    |  |
| S               | 0.3       | MIN       |  |

| Packaging Specifications |             |  |
|--------------------------|-------------|--|
| Package Kind:            | T&R         |  |
| Package Size:            | 7 in/180 mm |  |
| Package Type:            | Paper Tape  |  |
| Package Quantity:        | 10000       |  |

| Specifications         |   |  |
|------------------------|---|--|
| Capacitance:           | 150 pF  |  |
| Voltage:               | 50 V  |  |
| Tolerance:             | +/-5%   |  |
| Temperature Range:     | -55/+200C   |  |
| Dissipation Factor:    | 0.1%  |  |
| Failure Rate:          | N/A   |  |
| Aging Rate:            | 0% loss/decade hour                                     |  |
| Insulation Resistance: | 100 GOhm  |  |
| Dielectric Strength:   | 125 V   |  |
| Miscellaneous:         | Note: KEMET 50V rated parts may be operated at 63 Volts |  |

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