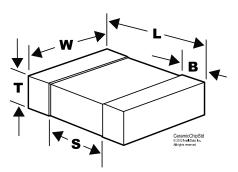
## KEMET Part Number: C0402C471K3GACTU

(C0402C471K3GAC7867)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 470 pF, +/-10% Tol, 25 V, C0G, 0402 (1005 metric)



| General Information      |   |
|--------------------------|---|
| Supplier:                | KEMET   |
| Application:             | Standard Chip                                 |
| Chip Size:               | 0402 (1005 metric)                            |
| Temperature Coefficient: | COG   |
| Part Type Description:   | SMD, MLCC, Ultra-Stable, Low<br>Loss, Class I |
| 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       |

| Specifications         |                     |
|------------------------|---------------------|
| Capacitance:           | 470 pF              |
| Voltage:               | 25 V                |
| Tolerance:             | +/-10%              |
| Temperature Range:     | -55/+125C           |
| Dissipation Factor:    | 0.1%                |
| Failure Rate:          | N/A                 |
| Aging Rate:            | 0% loss/decade hour |
| Insulation Resistance: | 100 GOhm            |
| Dielectric Strength:   | 62.5 V              |

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

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