

**KEMET Part Number: C0201C470J3GACTU**  
(C0201C470J3GAC7867)

SMD Comm C0G, Ceramic, 47 pF, 5%, 25 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0201



| General Information |  |
|---------------------|--|
| Supplier:           | KEMET                                      |
| Series:             | SMD Comm C0G                               |
| Style:              | SMD Chip                                   |
| Description:        | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Features:           | Ultra-Stable, Low Loss, Class I            |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Chip Size:          | 0201                                       |

| Dimensions |                  |
|------------|------------------|
| L          | 0.6mm +/-0.03mm  |
| W          | 0.3mm +/-0.03mm  |
| T          | 0.3mm +/-0.03mm  |
| B          | 0.15mm +/-0.05mm |

| Packaging Specifications |                        |
|--------------------------|------------------------|
| Packaging:               | T&R, 180mm, Paper Tape |
| Packaging Quantity:      | 15000                  |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 47 pF               |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 25 VDC              |
| Dielectric Withstanding Voltage: | 62.5 V              |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | C0G                 |
| Dissipation Factor:              | 0.10% 1MHz 25C      |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 100 GOhms           |