

**KEMET Part Number: C1206H473J1GACTU**  
(C1206H473J1GAC7800)

Ceramic, 200C, 200C-(CxxxxH), 0.047 uF, 5%, 100 V, 1206, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss



| General Information |   |
|---------------------|---|
| Style:              | SMD Chip  |
| Series:             | 200C-(CxxxxH)                                       |
| Chip Size:          | 1206  |
| Description:        | SMD, MLCC, High Temperature, Ultra-Stable, Low Loss |
| Features:           | High Temp, Ultra-Stable, Low Loss                   |
| RoHS:               | Yes   |
| Termination:        | Tin   |
| Marking:            | No  |
| Failure Rate:       | N/A   |

| Dimensions |                 |
|------------|-----------------|
| L          | 3.2mm +/-0.2mm  |
| W          | 1.6mm +/-0.2mm  |
| T          | 1.6mm +/-0.20mm |
| B          | 0.5mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 2000                     |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 0.047 uF            |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 100 VDC             |
| Dielectric Withstanding Voltage: | 250 V               |
| Temperature Range:               | -55/+200C           |
| Temperature Coefficient:         | COG                 |
| Dissipation Factor:              | 0.1%                |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 21.277 GOhms        |