

**KEMET Part Number: C0603C473K4RACTU**  
(C0603C473K4RAC7867)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 0.047 uF, +/-10% Tol, 16V, X7R, 0603 (1608 metric)



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 1.60      | +/-0.15   |
| W               | 0.80      | +/-0.15   |
| T               | 0.80      | +/-0.07   |
| B               | 0.35      | +/-0.15   |
| S               | 0.7       | MIN       |

| Packaging Specifications |            |
|--------------------------|------------|
| Package Kind:            | T&R        |
| Package Size:            | 7in        |
| Package Type:            | Paper Tape |
| Package Quantity:        | 4000       |

| General Information       |  |
|---------------------------|--|
| Supplier:                 | KEMET  |
| Part Type Description:    | SMD, MLCC, Temperature Stable, Class II                                  |
| Miscellaneous Electrical: | Note: Referee time for X7R dielectric for this part number is 1000 hours |

| Specifications           |                    |
|--------------------------|--------------------|
| Capacitance:             | 0.047 uF           |
| Chip Size:               | 0603 (1608 metric) |
| Voltage:                 | 16V                |
| Temperature Coefficient: | X7R                |
| Tolerance:               | +/-10%             |
| Application:             | Standard Chip      |
| Termination Type:        | Tin (Sn)           |
| Marked:                  | No                 |
| Temperature Range:       | -55/+125C          |
| Dissipation Factor:      | 3.5%               |
| Insulation Resistance:   | 10 GOhm            |
| Dielectric Strength:     | 40V                |