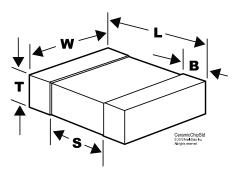
## **KEMET Part Number: C0402C473K4PACTU**

(C0402C473K4PAC7867)



SMD Comm X5R, Ceramic, 0.047 uF, 10%, 16 V, X5R, SMD, MLCC, Temperature Stable, Class II, 0402



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 1mm +/-0.05mm   |  |
| W          | 0.5mm +/-0.05mm |  |
| Т          | 0.5mm +/-0.05mm |  |
| S          | 0.3mm MIN       |  |
| В          | 0.3mm +/-0.1mm  |  |

| Packaging Specifications |                        |  |
|--------------------------|------------------------|--|
| Packaging:               | T&R, 180mm, Paper Tape |  |
| Packaging Quantity:      | 10000                  |  |

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | SMD Comm X5R   |
| Style:              | SMD Chip   |
| Description:        | SMD, MLCC, Temperature<br>Stable, Class II                                   |
| Features:           | Temperature Stable, Class II   |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Failure Rate:       | N/A  |
| Miscellaneous:      | Note: Referee time for X5R<br>dielectric for this part number is<br>48 hours |
| Chip Size:          | 0402   |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 0.047 uF            |  |
| Capacitance Tolerance:              | 10%                 |  |
| Voltage DC:                         | 16 VDC              |  |
| Dielectric Withstanding<br>Voltage: | 40 V                |  |
| Temperature Range:                  | -55/+85C            |  |
| Temperature Coefficient:            | X5R                 |  |
| Dissipation Factor:                 | 5% 1kHz 25C         |  |
| Aging Rate:                         | 5% Loss/Decade Hour |  |
| Insulation Resistance:              | 10 GOhms            |  |

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