## **KEMET Part Number: C1206C475K3PACTU**

(C1206C475K3PAC7800)



Ceramic, Commercial-(CxxxxC), 4.7 uF, 10%, 25 V, 1206, X5R, SMD, MLCC, Temperature Stable, Class II



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 3.2mm +/-0.2mm  |  |
| W          | 1.6mm +/-0.2mm  |  |
| Т          | 1.6mm +/-0.20mm |  |
| В          | 0.5mm +/-0.25mm |  |

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

| General Information |  |
|---------------------|--|
| Style:              | SMD Chip   |
| Series:             | Commercial-(CxxxxC)  |
| Chip Size:          | 1206   |
| 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 |

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 4.7 uF              |
| Capacitance Tolerance:   | 10%                 |
| Voltage DC:              | 25 VDC              |
| Temperature Range:       | -55/+85C            |
| Temperature Coefficient: | X5R                 |
| Dissipation Factor:      | 10%                 |
| Aging Rate:              | 4% Loss/Decade Hour |
| Insulation Resistance:   | 21 MOhms            |
| Dielectric Strength:     | 62.5 V              |

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