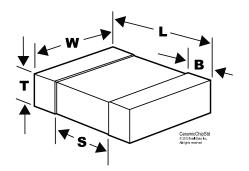
## KEMET Part Number: C0805C223J5JACTU

(C0805C223J5JAC7800, C0805C223J5JACTR, 0805C223J5JACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 0.022 uF, 5%, 50 V, 0805, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 2mm +/-0.2mm    |  |
| W          | 1.25mm +/-0.2mm |  |
| Т          | 0.9mm +/-0.10mm |  |
| S          | 0.75mm MIN      |  |
| В          | 0.5mm +/-0.25mm |  |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 180mm, Plastic Tape |  |
| Packaging Quantity:      | 4000                     |  |

| General Information |  |  |
|---------------------|--|--|
| Style:              | SMD Chip   |  |
| Supplier:           | KEMET  |  |
| Series:             | Commercial-(CxxxxC)  |  |
| Chip Size:          | 0805   |  |
| Description:        | SMD, MLCC, Ultra-Stable, Low<br>Loss, Class I                                  |  |
| Features:           | Ultra-Stable, Low Loss, Class I  |  |
| RoHS:               | Yes  |  |
| Termination:        | Tin  |  |
| Marking:            | No   |  |
| Failure Rate:       | N/A  |  |
| Miscellaneous:      | Note: Referee time for U2J<br>dielectric for this part number is<br>1000 hours |  |

| Specifications           |                       |  |
|--------------------------|-----------------------|--|
| Capacitance:             | 0.022 uF              |  |
| Capacitance Tolerance:   | 5%                    |  |
| Voltage DC:              | 50 VDC                |  |
| Temperature Range:       | -55/+125C             |  |
| Temperature Coefficient: | U2J                   |  |
| Dissipation Factor:      | 0.1%                  |  |
| Aging Rate:              | 0.1% Loss/Decade Hour |  |
| Dielectric Strength:     | 125 V                 |  |

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