## KEMET Part Number: C1206C223K2RACTU

(C1206C223K2RAC7800)



## Ceramic, Commercial-(CxxxxC), 0.022 uF, 10%, 200 V, 1206, X7R, SMD, MLCC, Temperature Stable, Class II



| 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 X7R<br>dielectric for this part number is<br>1000 hours |

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| Dimensions |                  |
|------------|------------------|
| L          | 3.2mm +/-0.2mm   |
| W          | 1.6mm +/-0.2mm   |
| Т          | 0.78mm +/-0.10mm |
| В          | 0.5mm +/-0.25mm  |

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

| Specifications                      |                     |
|-------------------------------------|---------------------|
| Capacitance:                        | 0.022 uF            |
| Capacitance Tolerance:              | 10%                 |
| Voltage DC:                         | 200 VDC             |
| Dielectric Withstanding<br>Voltage: | 500 V               |
| Temperature Range:                  | -55/+125C           |
| Temperature Coefficient:            | X7R                 |
| Dissipation Factor:                 | 2.5%                |
| Aging Rate:                         | 3% Loss/Decade Hour |
| Insulation Resistance:              | 45.455 GOhms        |

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