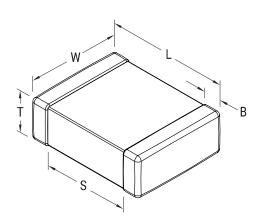
## KEMET Part Number: C0805X223K5REC7210



ESD SMD Comm X7R, Ceramic, 0.022 uF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0805



| Dimensions |                  |  |
|------------|------------------|--|
| Chip Size  | 0805             |  |
| L          | 2mm +/-0.3mm     |  |
| W          | 1.25mm +/-0.3mm  |  |
| Т          | 0.78mm +/-0.20mm |  |
| S          | 0.75mm MIN       |  |
| В          | 0.5mm +/-0.25mm  |  |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 330mm, Plastic Tape |  |
| Packaging Quantity:      | 10000                    |  |

| General Information |   |  |
|---------------------|---|--|
| Series:             | ESD SMD Comm X7R  |  |
| Style:              | SMD Chip  |  |
| Description:        | SMD, MLCC, Temperature<br>Stable, Electro Static Discharge,<br>Class II |  |
| Features:           | Temperature Stable, Class II  |  |
| RoHS:               | Yes   |  |
| Termination:        | Flexible Termination  |  |
| Marking:            | No  |  |
| AEC-Q200:           | No  |  |
| Component Weight:   | 13 mg   |  |
| Shelf Life:         | 78 Weeks  |  |
| MSL:                | 1   |  |

| Specifications  |  |  |
|---|--|--|
| Capacitance:  | 0.022 uF   |  |
| Measurement Condition:  | 1 kHz 1.0Vrms                                      |  |
| Capacitance Tolerance:  | 10%  |  |
| Voltage DC:   | 50 VDC   |  |
| ESD Level per AEC-Q200:   | 25,000 V ESD Level                                 |  |
| Dielectric Withstanding<br>Voltage:                                       | 125 VDC  |  |
| Temperature Range:  | -55/+125°C   |  |
| Temperature Coefficient:  | X7R  |  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC): | 15%, 1kHz 1.0Vrms                                  |  |
| Dissipation Factor:   | 2.5% 1 kHz 1.0Vrms                                 |  |
| Aging Rate:   | 3% Loss/Decade Hour: Referee<br>Time is 1000 Hours |  |
| Insulation Resistance:  | 45.4545 GOhms                                      |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



单击下面可查看定价,库存,交付和生命周期等信息

>>KEMET(基美)