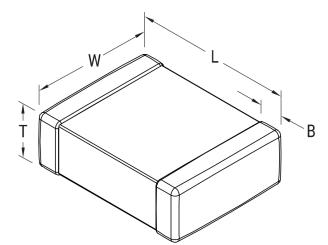


C2220X224KBRAC7210

SMD Comm X7R HV Flex, Ceramic, 0.22 uF, 10%, 630 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 2220



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 2220            |
| L          | 5.9mm +/-0.75mm |
| W          | 5mm +/-0.4mm    |
| Т          | 1.6mm +/-0.20mm |
| В          | 0.7mm +/-0.35mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 4000                     |

| General Information |                                       |
|---------------------|---------------------------------------|
| Series              | SMD Comm X7R HV Flex                  |
| Style               | SMD Chip                              |
| Description         | SMD, MLCC, FT-CAP, Temperature Stable |
| Features            | FT-CAP, Temperature Stable            |
| RoHS                | Yes                                   |
| Termination         | Flexible Termination                  |
| Marking             | No                                    |
| AEC-Q200            | No                                    |
| Component Weight    | 230 mg                                |
| Shelf Life          | 78 Weeks                              |
| MSL                 | 1                                     |

| Specifications  |  |
|---|--|
| Capacitance   | 0.22 uF  |
| Measurement Condition   | 1 kHz 1.0Vrms                                      |
| Capacitance Tolerance   | 10%  |
| Voltage DC  | 630 VDC  |
| Dielectric Withstanding Voltage                                       | 945 VDC  |
| Temperature Range   | -55/+125°C   |
| Temperature Coefficient   | X7R  |
| Capacitance Change with Reference<br>to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms                                  |
| Dissipation Factor  | 2.5% 1 kHz 1.0Vrms                                 |
| Aging Rate  | 3% Loss/Decade Hour:<br>Referee Time is 1000 Hours |
| Insulation Resistance   | 454.5 MOhms  |

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