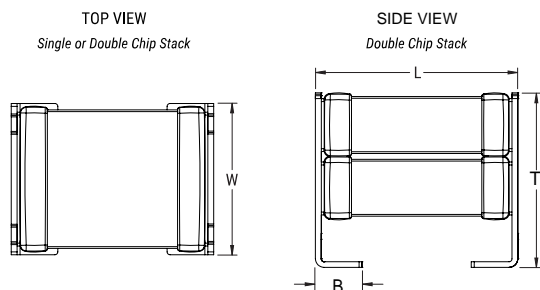


KPS SMD Comm X7R, Ceramic, Commercial Grade, 22 uF, 20%, 50 VDC, X7R, 2220-2

**Dimensions**

|          |                |
|----------|----------------|
| <b>L</b> | 6mm +/-0.5mm   |
| <b>W</b> | 5mm +/-0.5mm   |
| <b>T</b> | 5mm +/-0.50mm  |
| <b>B</b> | 1.6mm +/-0.3mm |

**Packaging Specifications**

|                            |                          |
|----------------------------|--------------------------|
| <b>Packaging:</b>          | T&R, 330mm, Plastic Tape |
| <b>Packaging Quantity:</b> | 800                      |

**General Information**

|                       |  |
|-----------------------|--|
| <b>Supplier:</b>      | KEMET  |
| <b>Series:</b>        | KPS SMD Comm X7R   |
| <b>Style:</b>         | Stacked Chip   |
| <b>Description:</b>   | SMD, MLCC, Stacked, Double Chip, Temperature Stable                      |
| <b>Features:</b>      | Temperature Stable   |
| <b>RoHS:</b>          | Yes  |
| <b>Termination:</b>   | Tin  |
| <b>Miscellaneous:</b> | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| <b>Chip Size:</b>     | 2220-2   |

**Specifications**

|   |                     |
|---|---------------------|
| <b>Capacitance:</b>                     | 22 uF               |
| <b>Capacitance Tolerance:</b>           | 20%                 |
| <b>Voltage DC:</b>                      | 50 VDC              |
| <b>Dielectric Withstanding Voltage:</b> | 125 V               |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | X7R                 |
| <b>Dissipation Factor:</b>              | 2.50% 120Hz 25C     |
| <b>Aging Rate:</b>                      | 3% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 23 MOhms            |