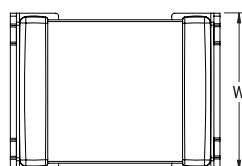
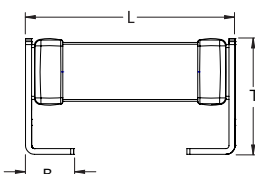


KPS SMD Comm X7R, Ceramic, 10 uF, 10%, 25 VDC, X7R, 2220-1

TOP VIEW  
Single or Double Chip StackPROFILE VIEW  
Single Chip Stack**Dimensions**

|          |                 |
|----------|-----------------|
| <b>L</b> | 6mm +/-0.5mm    |
| <b>W</b> | 5mm +/-0.5mm    |
| <b>T</b> | 3.5mm +/-0.30mm |
| <b>B</b> | 1.6mm +/-0.3mm  |

**Packaging Specifications**

|                            |                          |
|----------------------------|--------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Plastic Tape |
| <b>Packaging Quantity:</b> | 300                      |

**General Information**

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Supplier:</b>      | KEMET                                                                    |
| <b>Series:</b>        | KPS SMD Comm X7R                                                         |
| <b>Style:</b>         | Stacked Chip                                                             |
| <b>Description:</b>   | SMD, MLCC, Stacked, Single 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>     | 2220-1                                                                   |

**Specifications**

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Capacitance:</b>                     | 10 uF               |
| <b>Capacitance Tolerance:</b>           | 10%                 |
| <b>Voltage DC:</b>                      | 25 VDC              |
| <b>Dielectric Withstanding Voltage:</b> | 62.5 VDC            |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | X7R                 |
| <b>Dissipation Factor:</b>              | 3.50% 1kHz 25C      |
| <b>Aging Rate:</b>                      | 3% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 50 MOhms            |