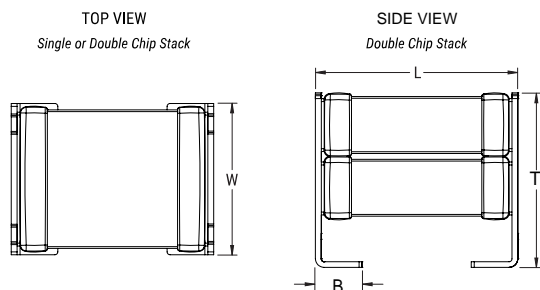


KPS SMD Comm X7R HV, Ceramic, Commercial Grade, 1 uF, 20%, 500 VDC, X7R, 2220-2



Dimensions

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

Packaging Specifications

| | |
|----------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 200 |

General Information

| | |
|-----------------------|---|
| Supplier: | KEMET |
| Series: | KPS SMD Comm X7R HV |
| Style: | Stacked Chip |
| Description: | SMD, MLCC, Stacked, Double Chip, Temperature Stable |
| Features: | Temperature Stable |
| RoHS: | Yes |
| Termination: | Tin |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours. X7R dielectric is not recommended for AC line filtering or pulse applications |
| Chip Size: | 2220-2 |

Specifications

| | |
|---|---------------------|
| Capacitance: | 1 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 500 VDC |
| Dielectric Withstanding Voltage: | 750 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 2.50% 1kHz 25C |
| Aging Rate: | 3% Loss/Decade Hour |
| Insulation Resistance: | 100 MOhms |