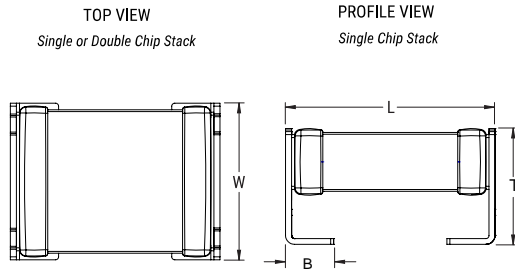


KPS SMD Comm X7R HV, Ceramic, Commercial Grade, 0.47 uF, 10%, 500 VDC, X7R, 2220-1



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 HV
<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. X7R dielectric is not recommended for AC line filtering or pulse applications
<b>Chip Size:</b>	2220-1

Specifications	
<b>Capacitance:</b>	0.47 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	500 VDC
<b>Dielectric Withstanding Voltage:</b>	750 V
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.50% 1kHz 25C
<b>Aging Rate:</b>	3% Loss/Decade Hour
<b>Insulation Resistance:</b>	213 MOhms