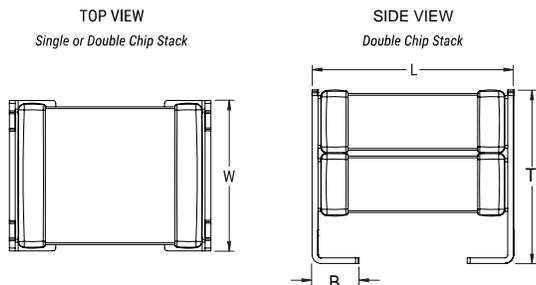


KPS SMD Comm X7R HV, Ceramic, Commercial Grade, 1 uF, 20%, 500 VDC, X7R, 2220-2



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, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	200

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, 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. X7R dielectric is not recommended for AC line filtering or pulse applications
<b>Chip Size:</b>	2220-2

Specifications	
<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	20%
<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>	100 MOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.