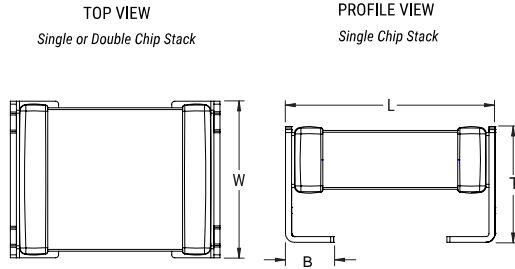


KPS SMD Comm X7R HV, Ceramic, 0.47 uF, 20%, 500 VDC, X7R, 2220-1



Dimensions	
L	6mm +/-0.5mm
W	5mm +/-0.5mm
T	3.5mm +/-0.30mm
B	1.6mm +/-0.3mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	300

General Information	
Series:	KPS SMD Comm X7R HV
Style:	Stacked Chip
Description:	SMD, MLCC, Stacked, Single Chip, High Voltage, Temperature Stable
Features:	Temperature Stable
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	410 mg
Miscellaneous:	X7R dielectric is not recommended for AC line filtering or pulse applications.
Chip Size:	2220-1
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.47 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	20%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	750 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	212.8 MOhms