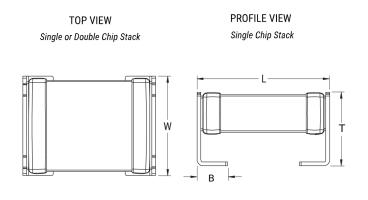


a YAGEO company

C2220C474MCR1C7186

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



Click here for the 3D model.

Dimensions	
L	6mm +/-0.5mm
W	5mm +/-0.5mm
Т	3.5mm +/-0.30mm
В	1.6mm +/-0.3mm

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

Constitution			
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		
Typical 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	2.1277 GOhms

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