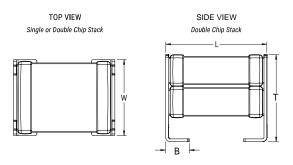
KEMET Part Number: C2220C105MCR2C7186



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



Dimensions		
L	6mm +/-0.5mm	
W	5mm +/-0.5mm	
Т	5mm +/-0.50mm	
В	1.6mm +/-0.3mm	

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

General Information		
Series:	KPS SMD Comm X7R HV	
Style:	Stacked Chip	
Description:	SMD, MLCC, Stacked, Double Chip, High Voltage, Temperature Stable	
Features:	Temperature Stable	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Component Weight:	800 mg	
Miscellaneous:	X7R dielectric is not recommended for AC line filtering or pulse applications.	
Chip Size:	2220-2	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	1 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:	100 MOhms

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