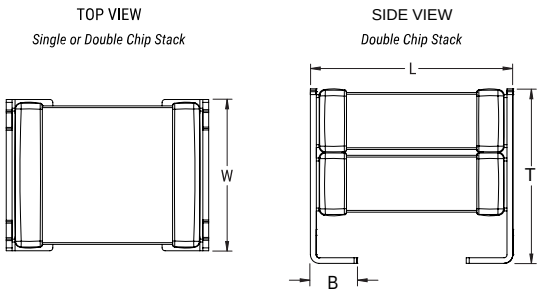
KEMET Part Number: C2220C105MCR2L7186

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



Dimensions	
L	6mm +/-0.5mm
W	5mm +/-0.5mm
T	5mm +/-0.50mm
B	1.6mm +/-0.3mm

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

General Information	
Series:	KPS SMD Comm X7R HV SnPb
Style:	Stacked Chip
Description:	SMD, MLCC, Stacked, Double Chip, High Voltage, Temperature Stable
Features:	Temperature Stable
RoHS:	No
Prop 65:	**WARNING:** Cancer and reproductive harm - www.p65warnings.ca.gov.
SCIP Number:	795b247e-78a9-405c-8728-223c2d9782a2
Termination:	Lead (SnPb)
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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