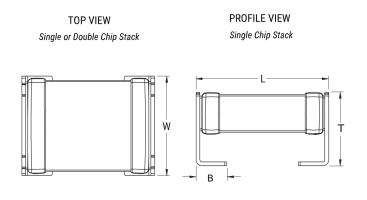


a YAGEO company

## C2220C154MCR1C7186

General Information

KPS SMD Comm X7R HV, Ceramic, 0.15 uF, 20%, 500 VDC, X7R, 2220-1



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

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		

Specifications			
Capacitance	0.15 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	6.6667 GOhms		

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.