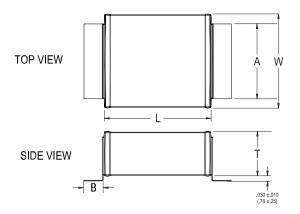
## **KEMET Part Number: SM25B155K501A**



KPS SM SMD Indust X7R HV, Ceramic, 1.5 uF, 10%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM25



Dimensions	
Chip Size	SM25
L	13.97mm +/-0.762mm
W	12.7mm +/-0.762mm
Т	5.588mm MAX
Α	10.2mm MAX
В	2.54mm +/-0.508mm

Packaging Specifications		
Packaging:	Tray	
Packaging Quantity:	50	

General Information		
Series:	KPS SM SMD Indust X7R HV	
Style:	SMD Chip	
Description:	SMD, Fixed, High Volt, Low ESR, Leaded, Industrial	
Features:	High Voltage, Low ESR, Industrial Grade	
RoHS:	With Exemptions	
REACH:	SVHC (Pb – CAS 7439-92-1)	
Termination:	Silver	
Marking:	No	
AEC-Q200:	No	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	1.5 uF
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	750 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Insulation Resistance:	700 MOhms
Quality Factor:	3

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