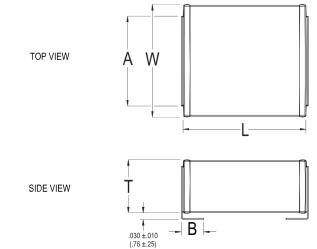


## SM24B105M501B

## Aliases (SM24B105M501)

KPS SM SMD Indust X7R HV, Ceramic, 1 uF, 20%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM24



Click here for the 3D model.

Dimensions	
Chip Size	SM24
L	11.43mm +/-0.762mm
W	10.16mm +/-0.762mm
т	5.588mm MAX
А	7.62mm 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	1uF
Capacitance Tolerance	20%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Dissipation Factor	2.5%
Insulation Resistance	1GOhms
Quality Factor	3

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