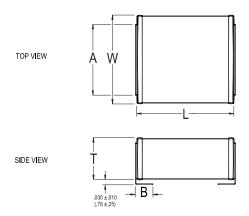
## **KEMET Part Number: SM24B564K501B**

(SM24B564K501)



KPS SM SMD Indust X7R HV, Ceramic, 0.56 uF, 10%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM24



Dimensions		
Chip Size	SM24	
L	11.43mm +/-0.762mm	
W	10.16mm +/-0.762mm	
Т	5.588mm MAX	
Α	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:	0.56 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:	1.8 GOhms	
Quality Factor:	3	

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