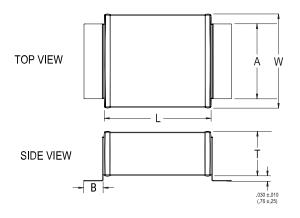
## **KEMET Part Number: SM24N563J501A**



## KPS SM SMD Indust COG HV, Ceramic, 0.056 uF, 5%, 500 VDC, COG, 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 C0G 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:	0.056 uF	
Capacitance Tolerance:	5%	
Voltage DC:	500 VDC	
Dielectric Withstanding Voltage:	750 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.15%	
Insulation Resistance:	17.9 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.



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