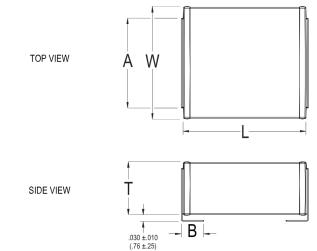


## SM20B103K501B

## Aliases (SM20B103K501)

KPS SM SMD Indust X7R HV, Ceramic, 0.01 uF, 10%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM20



Click here for the 3D model.

Dimensions	
Chip Size	SM20
L	3.81mm +/-0.381mm
W	3.81mm +/-0.381mm
т	3.302mm MAX
A	2.54mm MAX
В	1.016mm +/-0.254mm

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	0.01 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	100 GOhms		
Quality Factor	3		

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.