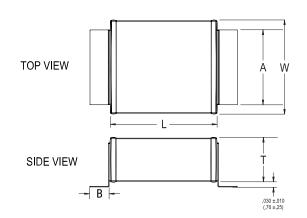
## KEMET Part Number: SM20B223K102AM



KPS SM SMD Indust X7R HV, Ceramic, 0.022 uF, 10%, 1000 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Mil-Screen, SM20



Dimensions		
Chip Size	SM20	
L	3.81mm +/-0.381mm	
W	3.81mm +/-0.381mm	
Т	3.302mm MAX	
Α	2.54mm 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, Mil-Screen	
Features:	Low ESR, Mil-Screen	
RoHS:	With Exemptions	
REACH:	SVHC (Pb – CAS 7439-92-1)	
Termination:	Silver	
Marking:	No	
Testing and Reliability:	Level A	
AEC-Q200:	No	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	0.022 uF	
Capacitance Tolerance:	10%	
Voltage DC:	1000 VDC	
Dielectric Withstanding Voltage:	1500 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Insulation Resistance:	45.5 GOhms	
Quality Factor:	3	

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