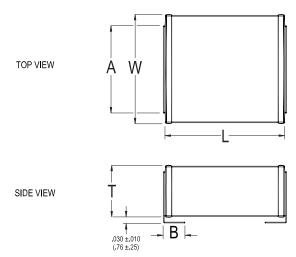


General Information



Aliases (SM22B104K102) KPS SM SMD Indust X7R HV, Ceramic, 0.1 uF, 10%, 1,000 VDC, X7R, SM22



Click here for the 3D model	Click	here	for	the	3D	model
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SeriesKPS SM SMD Indust X7R HVStyleStacked ChipDescriptionSMD, Fixed, High Volt, Low ESR, Leaded, IndustrialFeaturesHigh Voltage, Low ESR, Industrial GradeROHSWith ExemptionsREACHSVHC (Pb - CAS 7439-92-1)TerminationSilverAEC-Q200NoChip SizeSM22Shelf Life78 WeeksMSL1		
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 AEC-Q200 No Chip Size SM22 Shelf Life 78 Weeks	Series	KPS SM SMD Indust X7R HV
Leaded, Industrial Features High Voltage, Low ESR, Industrial Grade RoHS With Exemptions REACH SVHC (Pb - CAS 7439-92-1) Termination Silver AEC-Q200 No Chip Size SM22 Shelf Life 78 Weeks	Style	Stacked Chip
RoHS With Exemptions REACH SVHC (Pb - CAS 7439-92-1) Termination Silver AEC-Q200 No Chip Size SM22 Shelf Life 78 Weeks	Description	
REACH SVHC (Pb - CAS 7439-92-1) Termination Silver AEC-Q200 No Chip Size SM22 Shelf Life 78 Weeks	Features	
Termination Silver AEC-Q200 No Chip Size SM22 Shelf Life 78 Weeks	RoHS	With Exemptions
AEC-Q200 No Chip Size SM22 Shelf Life 78 Weeks	REACH	SVHC (Pb - CAS 7439-92-1)
Chip Size SM22 Shelf Life 78 Weeks	Termination	Silver
Shelf Life 78 Weeks	AEC-Q200	No
	Chip Size	SM22
MSL 1	Shelf Life	78 Weeks
	MSL	1

Dimensions	
L	6.35mm +/-0.508mm
W	5.08mm +/-0.508mm
T	4.572mm MAX
A	2.54mm MAX
В	1.016mm +/-0.254mm

Packaging Specifications		
Packaging	Tray	
Packaging Quantity	50	

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,500 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	10 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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