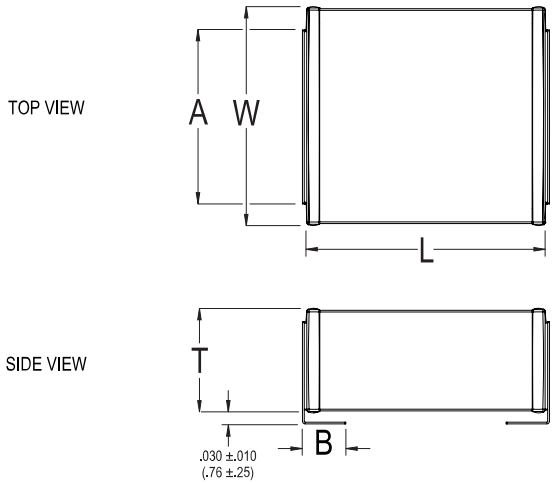
SM20B102K202BM

Aliases (SM20B102K202M)

KPS SM SMD Indust X7R HV, Ceramic, 1,000 pF, 10%, 2,000 VDC, X7R, SM20



Click here for the 3D model.

General Information	
Series	KPS SM SMD Indust X7R HV
Style	Stacked 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
Testing and Reliability	Level A
AEC-Q200	No
Chip Size	SM20
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	3.81mm +/-0.381mm
W	3.81mm +/-0.381mm
T	3.302mm MAX
A	2.54mm MAX
B	1.016mm +/-0.254mm

Packaging Specifications	
Packaging	Tray
Packaging Quantity	50

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 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	100 GOhms