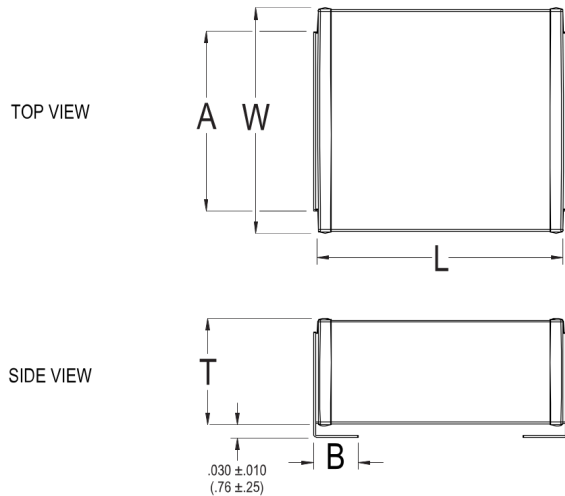


SM25B103K502B

Aliases (SM25B103K502)

KPS SM SMD Indust X7R HV, Ceramic, 0.01 uF, 10%, 5000 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM25



Click [here](#) for the 3D model.

Dimensions

Chip Size	SM25
L	13.97mm +/-0.762mm
W	12.7mm +/-0.762mm
T	5.588mm MAX
A	10.2mm MAX
B	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, 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	5000 VDC
Dielectric Withstanding Voltage	6000 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Dissipation Factor	2.5%
Insulation Resistance	100 GOhms
Quality Factor	3