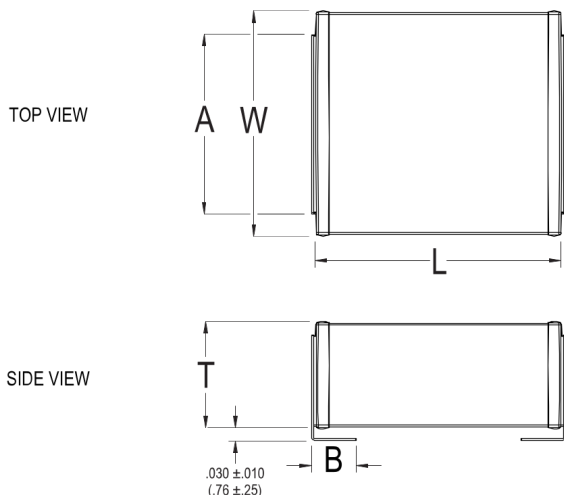


## SM24B105M501B

Aliases (SM24B105M501)

KPS SM SMD Indust X7R HV, Ceramic, 1 uF, 20%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM24



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

### Dimensions

Chip Size	SM24
L	11.43mm +/-0.762mm
W	10.16mm +/-0.762mm
T	5.588mm MAX
A	7.62mm 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	1 uF
Capacitance Tolerance	20%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Dissipation Factor	2.5%
Insulation Resistance	1 GOhms
Quality Factor	3