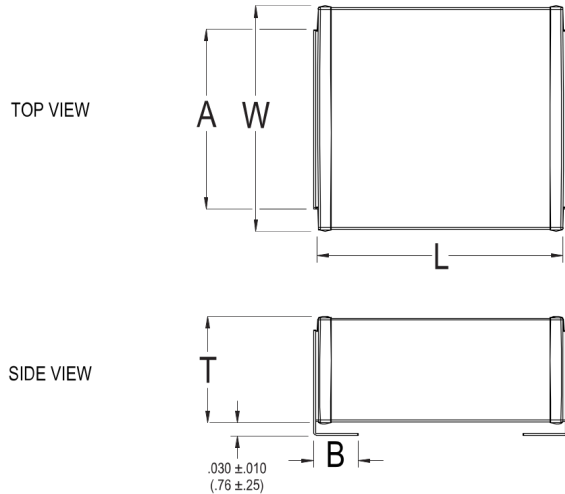


## SM34B225K501BM

Aliases (SM34B225K501M)

KPS SM SMD Indust X7R HV, Ceramic, 2.2 uF, 10%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Mil-Screen, SM34



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

### Dimensions

Chip Size	SM34
L	22.86mm +/-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	10

### 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	2.2 uF
Capacitance Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Dissipation Factor	2.5%
Insulation Resistance	500 MOhms
Quality Factor	3