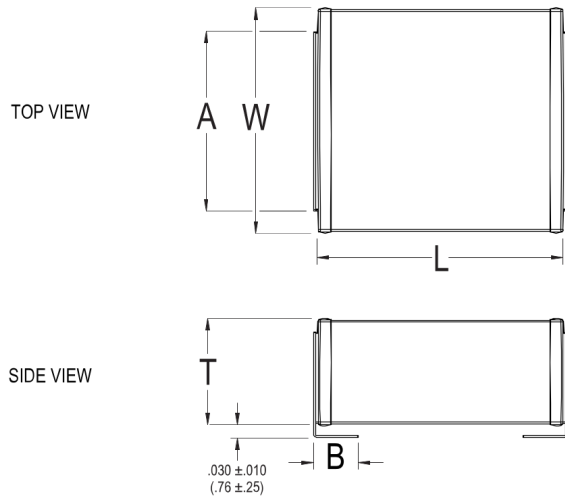


SM31N470J502B

Aliases (SM31N470J502)

KPS SM SMD Indust COG HV, Ceramic, 47 pF, 5%, 5000 VDC, COG, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM31



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

Dimensions

Chip Size	SM31
L	10.16mm +/-0.762mm
W	5.08mm +/-0.508mm
T	3.302mm MAX
A	2.54mm MAX
B	2.54mm +/-0.508mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	50

General Information

Series	KPS SM SMD Indust COG 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	47 pF
Capacitance Tolerance	5%
Voltage DC	5000 VDC
Dielectric Withstanding Voltage	6000 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Dissipation Factor	0.15%
Insulation Resistance	100 GOhms