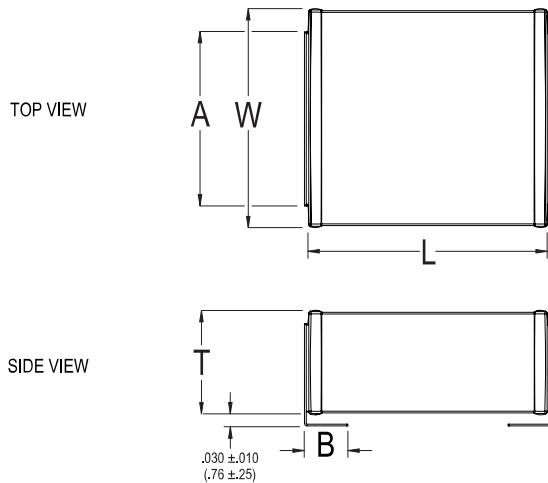


SM34N470K103B

Aliases (SM34N470K103)

KPS SM SMD Indust COG HV, Ceramic, 47 pF, 10%, 10,000 VDC, COG, SM34



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

General Information

Series	KPS SM SMD Indust COG HV
Style	Stacked 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
AEC-Q200	No
Chip Size	SM34
Shelf Life	78 Weeks
MSL	1

Dimensions

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

Specifications

Capacitance	47 pF
Tolerance	10%
Voltage DC	10000 VDC
Dielectric Withstanding Voltage	12,000 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.15%
Insulation Resistance	100 GOhms

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