



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 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	0.022 uF
Capacitance Tolerance	10%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2400 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Dissipation Factor	2.5%
Insulation Resistance	45.5 GOhms
Quality Factor	3