



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

### Dimensions

Chip Size	4540
L	11.43mm +/-0.76mm
W	10.2mm +/-0.76mm
T	5.59mm NOM
B	1.143mm +/-1.524mm

### Packaging Specifications

Packaging Quantity	50
--------------------	----

### General Information

Series	SMD Mil-Equiv X7R HV 49467
Style	SMD Chip
Description	Surface Mount Ceramic Capacitor
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
SCIP Number	f6abf01f-fbb0-4a02-bb15-583285915f66
Termination	Palladium Silver
AEC-Q200	No

### Specifications

Capacitance	1 uF
Capacitance Tolerance	20%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C
Dissipation Factor	2.5%
Aging Rate	2% Loss/Decade Hour
Insulation Resistance	1 GOhms