



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

## 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="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	f6abf01f-fbb0-4a02-bb15-583285915f66
Termination	Palladium Silver
AEC-Q200	No

## Specifications

Capacitance	1 uF
Capacitance Tolerance	10%
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% 1 kHz 1.0Vrms
Aging Rate	2% Loss/Decade Hour
Insulation Resistance	1 GOhms

## Dimensions

Chip Size	4540
L	11.43mm +/-0.76mm
W	10.2mm +/-0.76mm
T	5.59mm NOM
B	1.14mm +/-0.38mm

## Packaging Specifications

Packaging	Waffle, Tray
Packaging Quantity	50

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.