



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

### Dimensions

Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.5mm +/-0.30mm
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

### General Information

Series	SMD HRA X7R
Style	SMD Chip
Description	High Reliability Alternative (HRA), X-LEVEL, SnPb
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a>
Termination	Lead (SnPb)
Marking	No
AEC-Q200	No
Typical Component Weight	135 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	10 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	50 MOhms

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