

1111X (.110" x .110")

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◆ 1111X Capacitance & Rated Voltage Table

Cap. pF	Code	Tol.	Rated WVDC	Cap. pF	Code	Tol.	Rated WVDC	Cap. pF	Code	Tol.	Rated WVDC
4700	472	K,M	50V Code 500	15000	153	K,M	50V Code 500	47000	473	K,M	50V Code 500
5600	562			18000	183			50000	503		
6800	682			22000	223			56000	563		
8200	822			27000	273			68000	683		
10000	103			33000	333			82000	823		
12000	123			39000	393			100000	104		

Remark: special capacitance, tolerance and WVDC are available, consult with PASSIVE PLUS.

◆ 1111X Dimensions

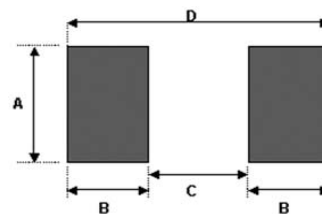
unit:inch(millimeter)

Series	Term. Code	Type/Outlines	Length(Lc)	Width(Wc)	Thickness(Tc)	B	Plated Material
1111X	W	 Chip	.110+.025 ~ -.010 (2.79+0.64 ~ -.025)	.110±.015 (2.79±0.38)	.102 (2.59) Max	.020 ±.010 (0.508 ±0.25)	Sn/Ni
	P						Sn/Cu
	L						Sn (90%)/Pb(10%)
	C						Ag/Pb
	G						Au/Ni

◆ 1111X Recommended Mounting Pads

Size	A Min.	B Min.	C Min.	D Min.
VERT	.120"	.050"	.075"	.175"
HORIZ	.130"	.050"	.075"	.175"

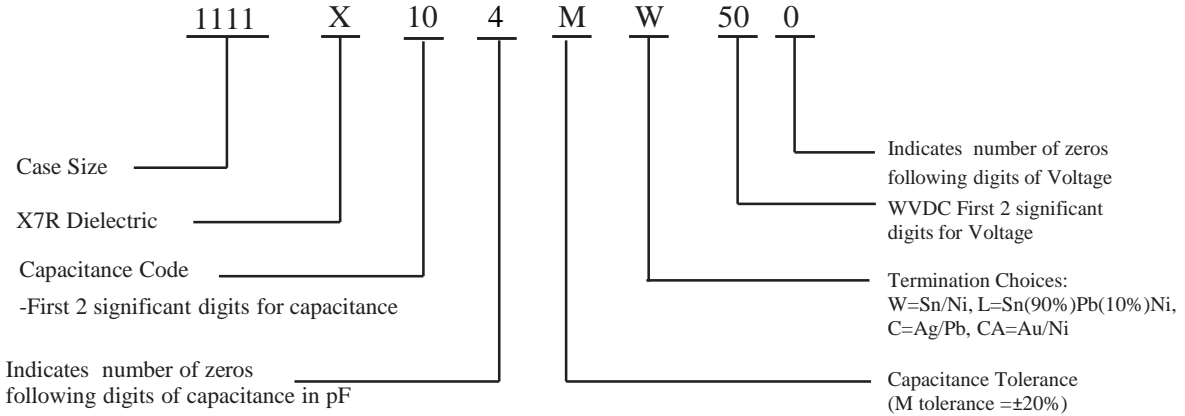
VERT= Vertical Mount, HORIZ = Horizontal Mount



◆ Performance

Item	Specifications
Operating Temperature Range	-55°C to +125°C
Insulation Resistance (IR)	Insulation resistance @ +25°C >1000ΩF Insulation resistance @ +125°C >100ΩF
Temp Voltage Coefficient	+15/-25% ΔC (-55°C to +125°C)
Dielectric Withstanding Voltage (DWV)	2.5X WVDC, 5 seconds.
Max Dissipation Factor	.025 (2.5%) Max
Test Parameters	1KHz, 1.0VRMS, 25°C

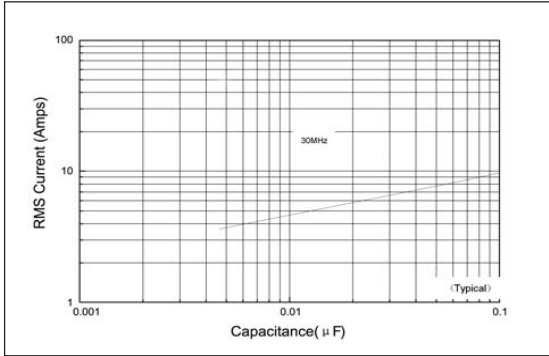
◆ Part Numbering



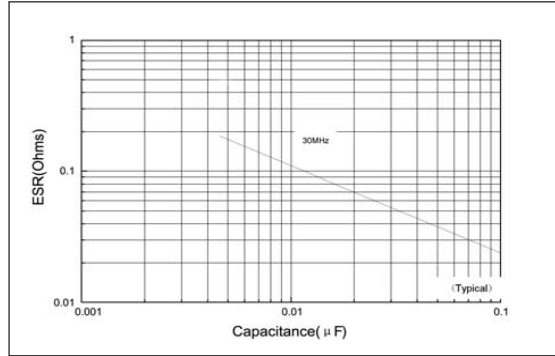
◆ 1111X Performance Curves

NOTE: Available in Vertical Tape & Reel Orientation Upon Request.

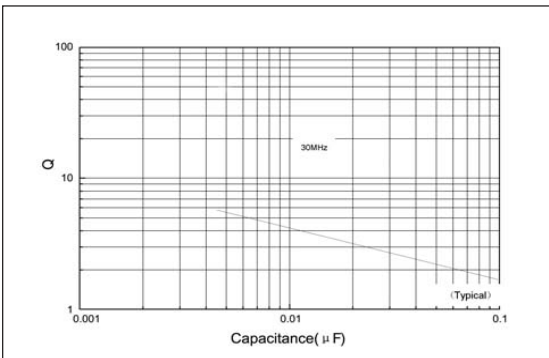
**Current Rating vs Capacitance
1111 Series**



**ESR vs Capacitance
1111 Series**



**Q vs Capacitance
1111 Series**



**Series Resonance vs Capacitance
1111 Series**

