

2225X (.220" x .250")



◆ 2225X Capacitance & Rated Voltage Table

Cap. uF	Code	Tol.	Rated WVDC	Cap. uF	Code	Tol.	Rated WVDC	Cap. uF	Code	Tol.	Rated WVDC
0.010	103	K,M	300V Code 301	0.082	823	K,M	200V Code 201	0.330	334	K,M	150V Code 151
0.012	123			0.100	104			0.470	474		
0.015	153			0.120	124			0.560	564		
0.022	223		0.150	154	0.680		684				
0.033	333		250V Code 251	0.220	224		0.820	824	100V Code 101		
0.047	473			1.000	105						
0.068	683										

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

◆ 2225X Dimensions

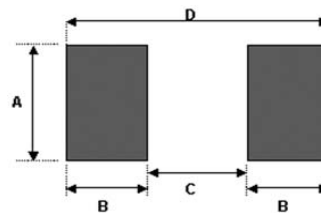
unit:inch(millimeter)

Series	Term. Code	Type/Outlines	Length (Lc)	Width (Wc)	Thickness (Tc)	B	Plated Material
2225X	W	 Chip	.230+.020 ~ -.012 (5.84+0.51 ~ -.30)	.250±.015 (6.35±0.38)	.165 (4.19) Max	.030 ±.015 (0.762 ±0.38)	Sn/Ni (RoHS)
	P						Cu (RoHS)
	L						Sn (90%)/Pb(10%)
	C						Ag/Pb
	G						Au/Ni

◆ 2225X Recommended Mounting Pads

Size	A Min.	B Min.	C Min.	D Min.
VERT	.185"	.050"	.200"	.300"
HORIZ	.280"	.050"	.200"	.300"

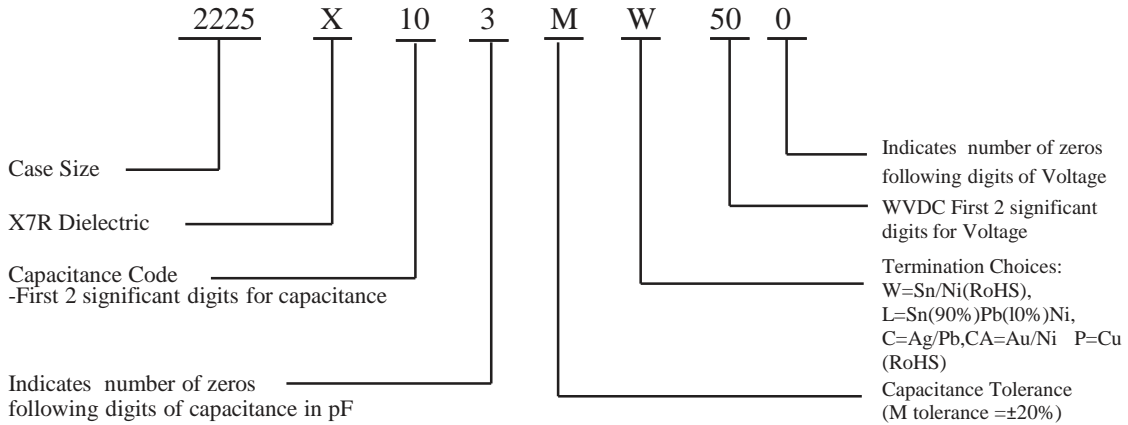
VERT= Vertical Mount, HORIZ = Horizontal Mount



◆ Performance

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

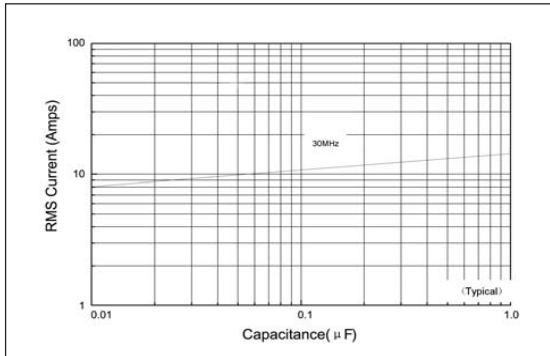
◆ Part Numbering



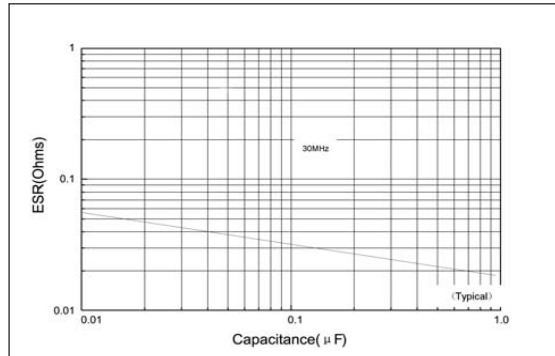
◆ 2225X Performance Curves

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

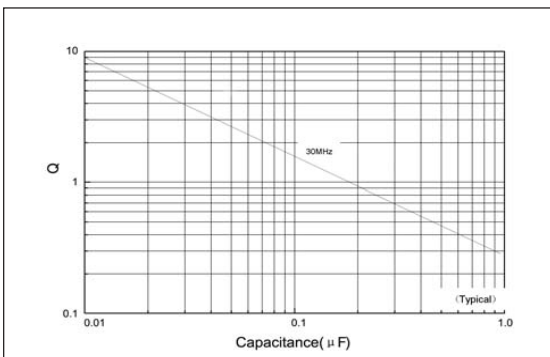
**Current Rating vs Capacitance
2225 Series**



**ESR vs Capacitance
2225 Series**



**Q vs Capacitance
2225 Series**



**Series Resonance vs Capacitance
2225 Series**

