

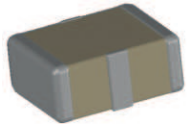
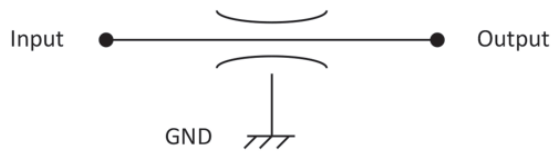
## Applications

Noise suppression in power lines  
for High Current application



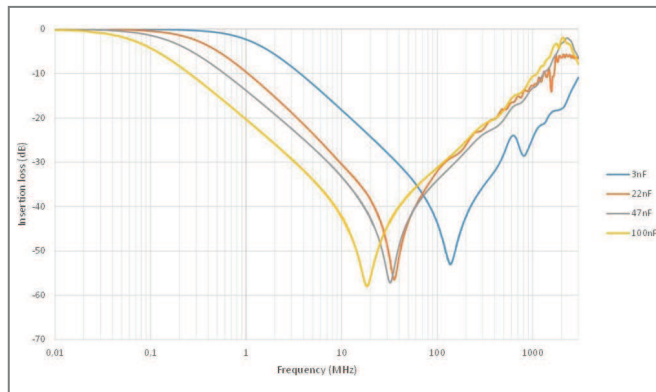
RoHS  
compliant

## Equivalent Circuit



## Electrical Parameters

Insertion loss vs frequency



## Quick Reference Data

	1812	2220
Current (A)	2-10	10-20
50 V	100nF - 220nF	100nF - 470nF
100V	100nF - 150nF	100nF - 330 nF
200 V	10nF - 68nF	100nF - 150nF
500V	1nF - 47nF	1nF - 68nF

## Ordering Information

MPF	2220	Y	152	M	E	X	B
TYPE	SIZE	DIELECTRIC	CAPACITANCE	TOLERANCE	VOLTAGE	TERMINATION	PACKAGING
	1812 2220	Y = X7R	Expressed in picofarads (pF). The first two digits are significant, the third digit give the number of noughts. Example : 102 = 1000pF	K = ± 10% M = ± 20%	A = 50V B = 100V C = 200V E = 500V	F = Palladium-Silver X = Nickel with Tin plated finish W = Nickel with Gold plated finish P = Polymer (end termination only) with Tin plated finish	B = 7" reel V = Bulk