

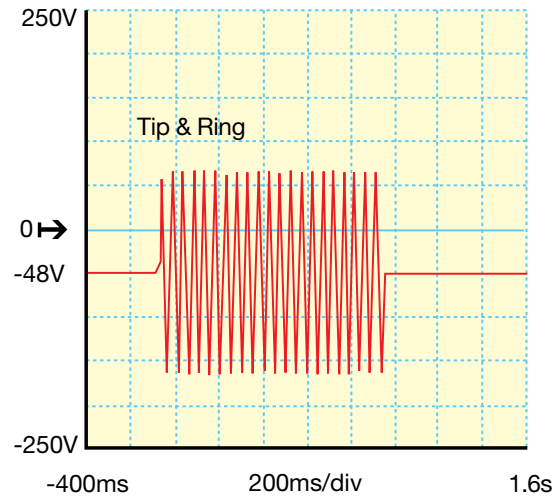
Tip & Ring

Multilayer Ceramic Chip Capacitors

CAPACITANCE RANGE (μF)

Size	0805	1206	1210	1808	1812	1825	2220	2225
min.	0.0010	0.0010	0.0010	0.010	0.10	0.33	0.47	0.47
max.	0.027	0.082	0.22	0.27	0.47	1.0	1.0	1.2

“TIP & RING” GRAPH



PERFORMANCE CHARACTERISTICS

Capacitance Range	1000 pF to 1.2 μF	(25°C, 1.0 \pm 0.2 Vrms at 1kHz)
Capacitance Tolerances	\pm 10%, \pm 20%	
Dissipation Factor	2.5% max. (25°C, 1.0 \pm 0.2 Vrms at 1kHz)	
Operating Temperature Range	-55°C to +125°C	
Temperature Characteristic	X7R \pm 15% (0 VDC)	
Voltage Rating	250 VDC Telco rating	
Insulation Resistance	1000 megohm-microfarad min.	
Dielectric Strength	Minimum 200% rated voltage for 5 seconds at 50 mA max. current	