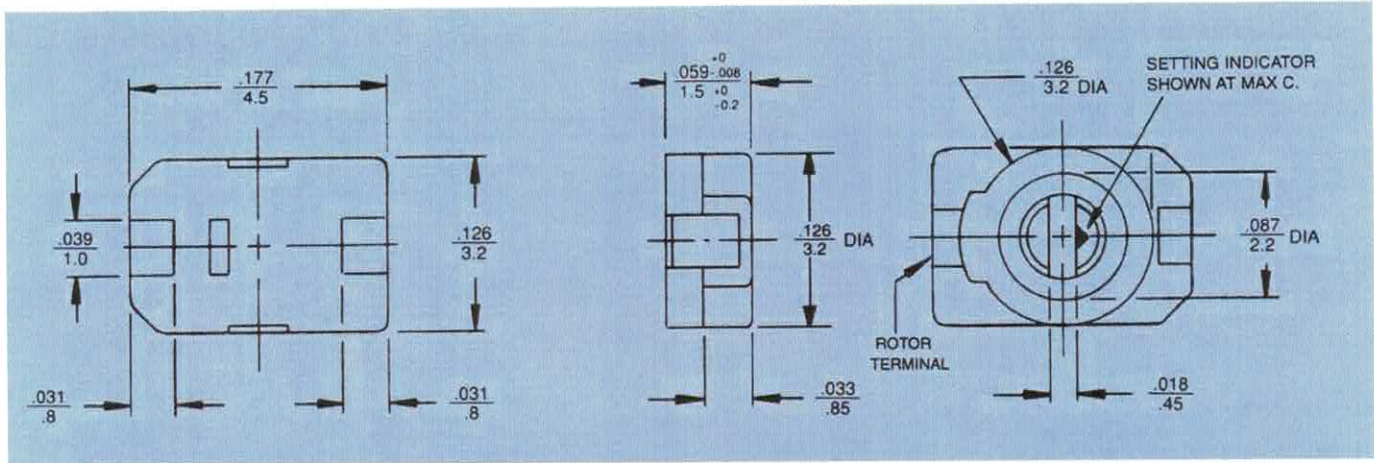


General Specifications

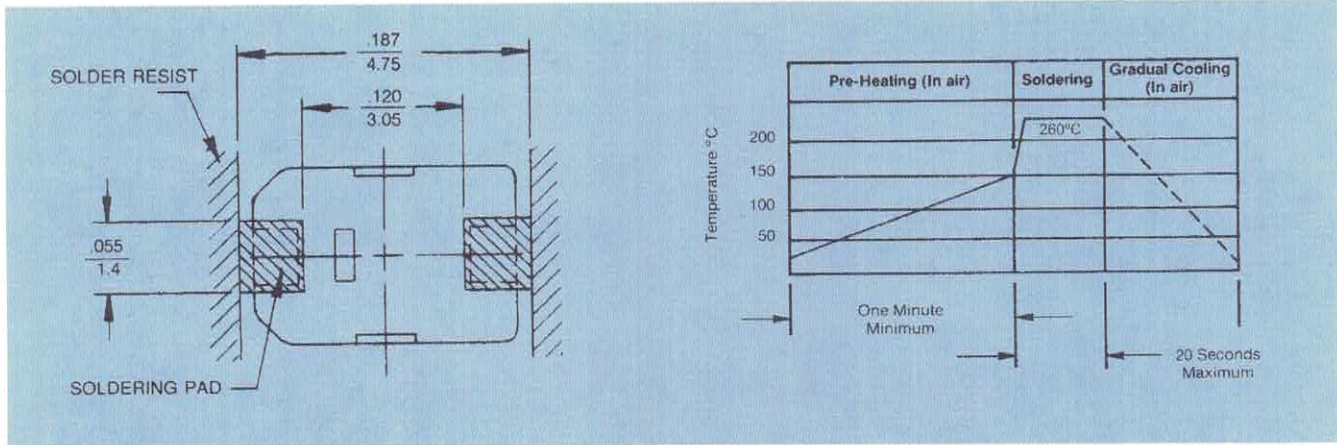
Part Number	PPI3R046	PPI6R046	PPI8R046	PPI10046	PPI15046	PPI20046	PPI30046	PPI40046	
Capacitance (pF)	Minimum	1.5	2.0	3.0	2.0	3.0	4.5	5.5	8.0
	Maximum	3.0 ^{+50%} _{-0%}	6.0 ^{+50%} _{-0%}	8.0 ^{+50%} _{-0%}	10.0 ^{+100%} _{-0%}	15.0 ^{+100%} _{-0%}	20.0 ^{+100%} _{-0%}	30.0 ^{+100%} _{-0%}	40.0 ^{+100%} _{-0%}
Marking Color	Black	Blue	Violet	White	Pink	Red	Orange	Yellow	
DC Working Voltage	125	125	125	125	125	125	125	125	
DC Withstanding Voltage	250	250	250	250	250	250	250	250	
Temperature Coefficient (ppm/°C)	0 ± 200	0 ± 300	-750 ± 500	0 ± 300	0 ± 500	0 ± 500	-1500 ± 1000	-1500 ± 1000	
Q (min.) at 1 MHz	500	500	500	500	500	500	200	200	
Self Resonant Frequency at Maximum Rated Capacitance	2.1 GHz	1.5 GHz	1.25 GHz	1.16 GHz	0.92 GHz	0.81 GHz	0.70 GHz	0.60 GHz	
Insulation Resistance	10 ⁹ megohms								
Operating Temperature	-40°C to +85°C								
Torque	0.14 to 1.0 in-oz								
Packaging	All parts furnished on 12mm tape and reel. 1,000 pcs. per reel.								



Drawing tolerances where not specified ± 0.008 in.
± 0.200 mm

SOLDER PAD LAYOUT

RECOMMENDED REFLOW SOLDER TEMPERATURE PROFILE FOR ALL PPI TRIMMER CAPACITORS



Recommended thickness of solder paste 0.15mm