

# PM0603T Tight Tolerance High Frequency Chip Inductors



Model PM0603T Series is obsolete and not recommended for new designs. Model [CI160808](#) is preferred.

### Special Features

- Photolithographic design
- Tight inductance tolerance
- High self resonant frequency
- Excellent Q
- Stable characteristics
- Operating temperature: -55 to +125 °C
- Tape & reel packaged 5000/reel

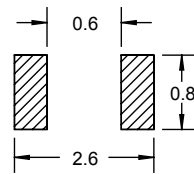
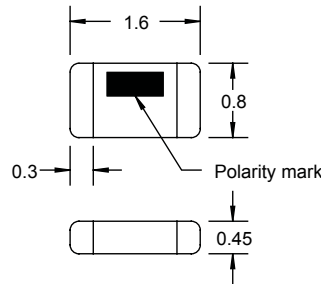
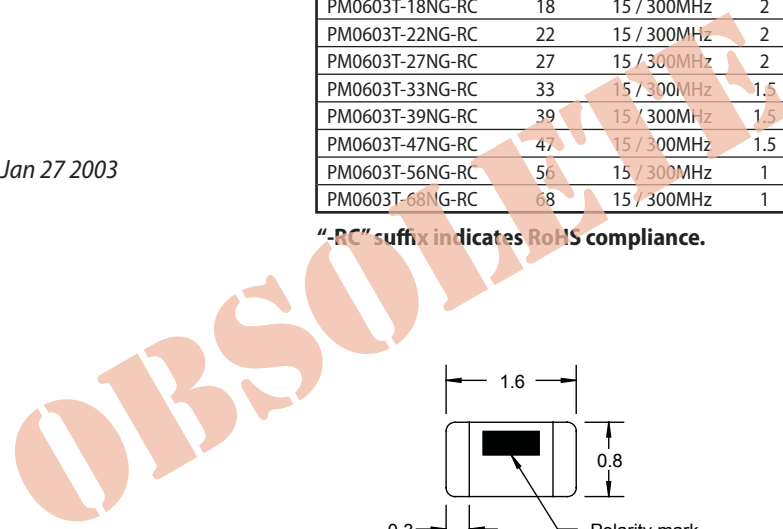
### Typical Applications

- High frequency circuits
- Cell phone
- Bluetooth
- LAN and WAN

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

PM0603T Series							
Part Number	L (nH) ±0.2nH @ 100MHz	Q (Min)/ Test Freq.	SRF (Min) (GHz)	DCR (Ω) (Max)	Idc (mA)	Bourns Equivalent	
PM0603T-1N0-RC	1.0	17 / 300MHz	6	0.2	800	CI160808	
PM0603T-1N2-RC	1.2	17 / 300MHz	6	0.2	800		
PM0603T-1N5-RC	1.5	17 / 300MHz	6	0.2	800		
PM0603T-1N8-RC	1.8	17 / 300MHz	6	0.2	300		
PM0603T-2N2-RC	2.2	17 / 300MHz	6	0.2	300		
PM0603T-2N7-RC	2.7	17 / 300MHz	6	0.2	300		
PM0603T-3N3-RC	3.3	17 / 300MHz	6	0.2	300		
PM0603T-3N9-RC	3.9	17 / 300MHz	6	0.2	300		
PM0603T-4N7-RC	4.7	17 / 300MHz	5	0.2	300		
PM0603T-5N6-RC	5.6	17 / 300MHz	5	0.5	300		
PM0603T-6N8-RC	6.8	17 / 300MHz	5	0.5	300		
PM0603T-8N2-RC	8.2	17 / 300MHz	4	0.5	300		
±2 %							
PM0603T-10NG-RC	10	15 / 300MHz	4	1.0	300		
PM0603T-12NG-RC	12	15 / 300MHz	3	1.0	300		
PM0603T-15NG-RC	15	15 / 300MHz	3	1.0	300		
PM0603T-18NG-RC	18	15 / 300MHz	2	2.0	300		
PM0603T-22NG-RC	22	15 / 300MHz	2	2.0	250		
PM0603T-27NG-RC	27	15 / 300MHz	2	2.0	250		
PM0603T-33NG-RC	33	15 / 300MHz	1.5	2.0	250		
PM0603T-39NG-RC	39	15 / 300MHz	1.5	3.0	200		
PM0603T-47NG-RC	47	15 / 300MHz	1.5	3.0	200		
PM0603T-56NG-RC	56	15 / 300MHz	1	5.0	150		
PM0603T-68NG-RC	68	15 / 300MHz	1	5.0	150		

“-RC” suffix indicates RoHS compliance.



Pad Layout

Dimensions: mm  
Tolerance: -/+ 0.1