

# Chip Inductors



Model PM0805 Series is currently available, although not recommended for new designs. Model CW201212 is preferred.

### Special Features

- Ceramic core, wirewound for superior reliability
- High self resonant frequency
- Very stable electrical characteristic
- Flat top surface for automated pick & place
- Operating temperature -55 to +125 °C
- Tape & reel packaged 2000/reel

### Notes

- \* Current to cause approx. 15 °C of temperature rise

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

PM0805 Series								
Part Number	L (nH) ±20 %	L Test Freq. (MHz)	Q Min	Q Test Freq. (MHz)	SRF (Mhz) Min.	DCR (Ω) Max.	I* (mA)	Bourns Equivalent
PM0805-2N2M-RC	2.2	250	15	1500	6000	0.08	600	
PM0805-3N3M-RC	3.3	250	50	1500	6000	0.08	600	
PM0805-6N8M-RC	6.8	250	50	1000	5500	0.11	600	
PM0805-8N2M-RC	8.2	250	50	500	4700	0.12	600	
PM0805-12NM-RC	12	250	50	500	4000	0.15	600	
PM0805-15NM-RC	15	250	50	500	3400	0.17	600	
PM0805-18NM-RC	18	250	50	500	3300	0.20	600	
PM0805-22NM-RC	22	250	55	500	2600	0.22	500	
PM0805-27NM-RC	27	250	55	500	2500	0.25	500	
PM0805-33NM-RC	33	250	60	500	2050	0.27	500	
PM0805-39NM-RC	39	250	60	500	2000	0.29	500	
PM0805-47NM-RC	47	200	60	500	1650	0.31	500	
±10 %								
PM0805-56NK-RC	56	200	60	500	1550	0.34	500	CW201212
PM0805-68NK-RC	68	200	60	500	1450	0.38	500	
PM0805-82NK-RC	82	150	65	500	1300	0.42	400	
L(μH) ±10 %								
PM0805-R10K-RC	0.10	150	65	500	1200	0.46	400	
PM0805-R12K-RC	0.12	150	50	250	1100	0.51	400	
PM0805-R15K-RC	0.15	100	50	250	920	0.56	400	
PM0805-R18K-RC	0.18	100	50	250	870	0.64	400	
PM0805-R22K-RC	0.22	100	50	250	850	0.70	400	
PM0805-R27K-RC	0.27	100	40	100	800	1.1	280	
PM0805-R33K-RC	0.33	100	40	100	750	1.2	260	
PM0805-R39K-RC	0.39	100	40	100	700	1.5	200	
PM0805-R47K-RC	0.47	100	40	100	650	2.5	170	
PM0805-R56K-RC	0.56	50	40	50	600	3.5	170	

“-RC” suffix indicates RoHS compliance.

