

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

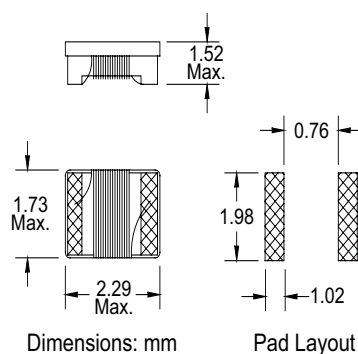
- * Current to cause approx. 15 °C of temperature rise

† 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
PM0805-2N8M-RC	2.8	250	35	1500	3000	0.06	800	CW201212
PM0805-3N3M-RC	3.3	250	30	1000	3000	0.10	600	
PM0805-5N6M-RC	5.6	250	35	1000	3000	0.10	600	
PM0805-6N8M-RC	6.8	250	35	1000	3000	0.11	600	
PM0805-8N2M-RC	8.2	250	40	1000	3000	0.12	600	
PM0805-10NM-RC	10	250	45	500	3000	0.10	600	
PM0805-12NM-RC	12	250	45	500	2750	0.15	600	
PM0805-15NM-RC	15	250	45	500	2500	0.17	600	
PM0805-18NM-RC	18	250	45	500	2400	0.20	600	
PM0805-22NM-RC	22	250	45	500	2200	0.22	500	
PM0805-27NM-RC	27	250	45	500	2000	0.25	500	
PM0805-33NM-RC	33	250	35	500	1800	0.27	500	
PM0805-39NM-RC	39	250	38	500	1600	0.29	500	
PM0805-47NM-RC	47	200	40	500	1400	0.31	500	
PM0805-56NK-RC	56	200	40	500	1300	0.34	500	
PM0805-68NK-RC	68	200	40	500	1200	0.38	400	
PM0805-82NK-RC	82	150	40	500	1020	0.42	400	
PM0805-R10K-RC	100	150	40	500	950	0.46	400	
PM0805-R12K-RC	120	150	35	250	860	0.51	400	
PM0805-R15K-RC	150	100	35	250	780	0.56	400	
PM0805-R18K-RC	180	100	35	250	710	0.78	400	
PM0805-R22K-RC	220	100	30	250	630	1.00	400	
PM0805-R27K-RC	270	100	25	250	490	1.46	300	
PM0805-R33K-RC	330	100	25	250	450	1.65	300	
PM0805-R39K-RC	390	100	25	250	420	2.20	290	
PM0805-R56K-RC	560	25	23	50	200	2.45	170	

“-RC” suffix indicates RoHS compliance.



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