



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# Chip Inductors

## Special Features

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

## Notes

- \* Current to cause approx. 15°C of temperature rise
- \* Crosses to the following Bourns Series  
@ [www.Bourns.com](http://www.Bourns.com)  
PM0805 link to Bourns [CW201212](#)

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

Also available as RoHS compliant.

1.78  
Max.

0.76

1.78  
Max.

1.78

2.41  
Max.

1.02

Dimensions: mm

Pad Layout

**J.W. Miller**  
MAGNETICS

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