

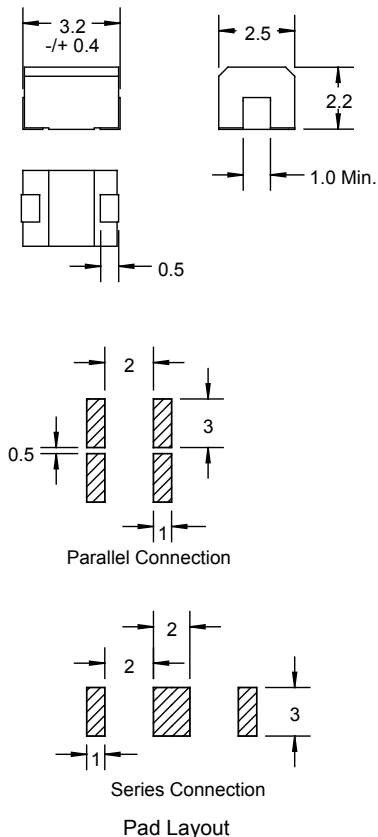
# Chip Inductors

## Special Features

- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat, moisture
- Ferrite bobbin core
- Operating temperature -55 to +105°C
- Tape & reel packaged 2000/reel

## Notes

- \* Current to cause 20°C maximum temperature rise
- \*\* Crosses to the following Bourns Series  
@ [www.Bourns.com](http://www.Bourns.com)  
PM1210 link to Bourns [CM322522](http://www.Bourns.com/CM322522)



Dimensions: mm  
Tolerance: +/-0.2

PM1210 Series						
Part Number	L (μH) ±10%	Q Min	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)
PM1210-R010K	0.010	15	100	2500	0.13	450
PM1210-R012K	0.012	17	100	2300	0.14	450
PM1210-R015K	0.015	19	100	2100	0.16	450
PM1210-R018K	0.018	21	100	1900	0.18	450
PM1210-R022K	0.022	23	100	1700	0.20	450
PM1210-R027K	0.027	23	100	1500	0.22	450
PM1210-R033K	0.033	25	100	1400	0.24	450
PM1210-R039K	0.039	25	100	1300	0.27	450
PM1210-R047K	0.047	26	100	1200	0.30	450
PM1210-R056K	0.056	26	100	1100	0.33	450
PM1210-R068K	0.068	27	100	1000	0.36	450
PM1210-R082K	0.082	27	100	900	0.40	450
	±5%					
PM1210-R10J	0.10	28	100	700	0.44	450
PM1210-R12J	0.12	28	25.2	500	0.22	450
PM1210-R15J	0.15	28	25.2	450	0.25	450
PM1210-R18J	0.18	28	25.2	400	0.28	450
PM1210-R22J	0.22	28	25.2	350	0.32	450
PM1210-R27J	0.27	28	25.2	320	0.36	450
PM1210-R33J	0.33	28	25.2	300	0.40	450
PM1210-R39J	0.39	28	25.2	250	0.45	450
PM1210-R47J	0.47	28	25.2	220	0.50	450
PM1210-R56J	0.56	28	25.2	180	0.55	450
PM1210-R68J	0.68	28	25.2	160	0.60	450
PM1210-R82J	0.82	28	25.2	140	0.65	450
PM1210-1R0J	1.0	28	7.96	120	0.70	400
PM1210-1R2J	1.2	28	7.96	100	0.75	390
PM1210-1R5J	1.5	28	7.96	85	0.85	370
PM1210-1R8J	1.8	28	7.96	80	0.90	350
PM1210-2R2J	2.2	30	7.96	75	1.0	320
PM1210-2R7J	2.7	30	7.96	70	1.1	290
PM1210-3R3J	3.3	30	7.96	60	1.2	260
PM1210-3R9J	3.9	30	7.96	55	1.3	250
PM1210-4R7J	4.7	30	7.96	50	1.7	220
PM1210-5R6J	5.6	30	7.96	47	1.8	200
PM1210-6R8J	6.8	30	7.96	43	2.0	180
PM1210-8R2J	8.2	30	7.96	40	2.3	170
PM1210-10J	10	30	2.52	36	2.5	150
PM1210-120J	12	30	2.52	33	2.8	140
PM1210-150J	15	30	2.52	30	3.2	130
PM1210-180J	18	30	2.52	27	3.6	120
PM1210-220J	22	30	2.52	25	4.0	110
PM1210-270J	27	30	2.52	20	5.0	80
PM1210-330J	33	30	2.52	17	5.6	70
PM1210-390J	39	30	2.52	16	6.4	65
PM1210-470J	47	30	2.52	15	7.0	60
PM1210-560J	56	30	2.52	13	8.0	55
PM1210-680J	68	30	2.52	12	9.0	50
PM1210-820J	82	30	2.52	11	10	45
PM1210-101J	100	20	0.796	10	10	40
PM1210-121J	120	20	0.796	10	11	70
PM1210-151J	150	20	0.796	8	15	65
PM1210-181J	180	20	0.796	7	17	60
PM1210-221J	220	20	0.796	7	21	50

Also available as RoHS compliant.

**J.W. Miller**  
MAGNETICS

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