

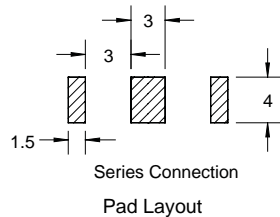
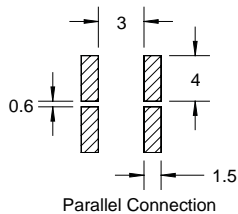
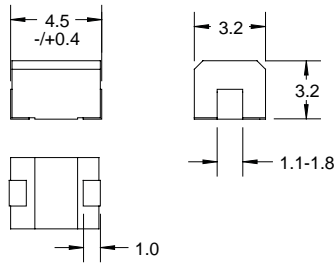
# Chip Inductors

## Special Features

- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat and moisture
- Operating temperature -55 to +105 °C
- Tape & reel packaged 500/reel

## Notes

- \* Current to cause 20 °C max. temperature rise



Dimensions: mm  
Tolerance: +/-0.2

PM1812 Series							
Part Number	L (μH)	Q	Test Freq. (MHz)	SRF (MHz)	DCR (Ω)	I, DC* (mA)	Bourns Equivalent
	± 10 %						
PM1812-R10K	0.10	28	25.2	300	0.18	800	
PM1812-R12K	0.12	30	25.2	280	0.20	770	
PM1812-R15K	0.15	30	25.2	250	0.22	730	
PM1812-R18K	0.18	30	25.2	220	0.24	700	
PM1812-R22K	0.22	30	25.2	200	0.25	665	
PM1812-R27K	0.27	30	25.2	180	0.26	635	
PM1812-R33K	0.33	30	25.2	165	0.28	605	
PM1812-R39K	0.39	30	25.2	150	0.30	575	
PM1812-R47K	0.47	30	25.2	145	0.32	545	
PM1812-R56K	0.56	30	25.2	140	0.36	520	
PM1812-R68K	0.68	30	25.2	135	0.40	500	
PM1812-R82K	0.82	30	25.2	130	0.45	475	
±5 %							
PM1812-1R0J	1.0	50	7.96	100	0.50	450	
PM1812-1R2J	1.2	50	7.96	80	0.55	430	
PM1812-1R5J	1.5	50	7.96	70	0.60	410	
PM1812-1R8J	1.8	50	7.96	60	0.65	390	
PM1812-2R2J	2.2	50	7.96	55	0.70	380	
PM1812-2R7J	2.7	50	7.96	50	0.75	370	
PM1812-3R3J	3.3	50	7.96	45	0.80	355	
PM1812-3R9J	3.9	50	7.96	40	0.90	330	
PM1812-4R7J	4.7	50	7.96	35	1.0	315	
PM1812-5R6J	5.6	50	7.96	33	1.1	300	
PM1812-6R8J	6.8	50	7.96	27	1.2	285	
PM1812-8R2J	8.2	50	7.96	25	1.4	270	
PM1812-100J	10	50	2.52	20	1.6	250	CM453232
PM1812-120J	12	50	2.52	18	2.0	225	
PM1812-150J	15	50	2.52	17	2.5	200	
PM1812-180J	18	50	2.52	15	2.8	190	
PM1812-220J	22	50	2.52	13	3.2	180	
PM1812-270J	27	50	2.52	12	3.6	170	
PM1812-330J	33	50	2.52	11	4.0	160	
PM1812-390J	39	50	2.52	10	4.5	150	
PM1812-470J	47	50	2.52	10	5.0	140	
PM1812-560J	56	50	2.52	9	5.5	135	
PM1812-680J	68	50	2.52	9	6.0	130	
PM1812-820J	82	50	2.52	8	7.0	120	
PM1812-101J	100	40	0.796	7	8.0	110	
PM1812-121J	120	40	0.796	6	8.0	110	
PM1812-151J	150	40	0.796	5	9.0	105	
PM1812-181J	180	40	0.796	5	9.5	102	
PM1812-221J	220	40	0.796	4	10	100	
PM1812-271J	270	30	0.796	3	12	92	
PM1812-331J	330	30	0.796	3	14	85	
PM1812-391J	390	30	0.796	3	18	80	
PM1812-471J	470	30	0.796	3	26	62	
PM1812-561J	560	30	0.796	2	30	50	
PM1812-681J	680	30	0.796	2	30	50	
PM1812-821J	820	30	0.796	2	35	30	
PM1812-102J	1000	30	0.796	2	40	30	

For RoHS compliant version, add "-RC" to part number.

**BOURNS®**

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