

# Chip Inductors



Model PM1210 Series is currently available, although not recommended for new designs. Model CM322522 is preferred.

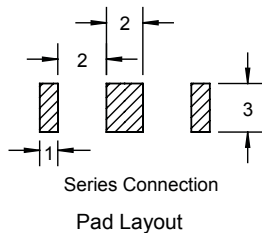
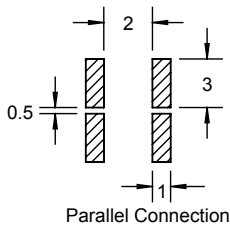
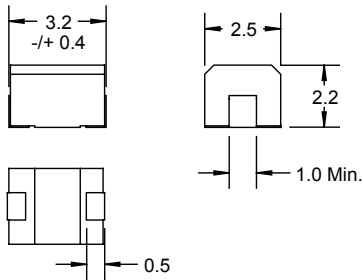
### Special Features

- 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 max. temperature rise

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



Dimensions: mm  
Tolerance: +/-0.2

PM1210 Series							Bourns Equivalent
Part Number	L (µH) ±5 %	Q Min	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)	
PM1210-1R0J-RC	1.0	28	7.96	120	0.70	400	
PM1210-1R2J-RC	1.2	28	7.96	100	0.75	390	
PM1210-1R5J-RC	1.5	28	7.96	85	0.85	370	
PM1210-1R8J-RC	1.8	28	7.96	80	0.90	350	
PM1210-2R2J-RC	2.2	30	7.96	75	1.0	320	
PM1210-2R7J-RC	2.7	30	7.96	70	1.1	290	
PM1210-3R3J-RC	3.3	30	7.96	60	1.2	260	
PM1210-3R9J-RC	3.9	30	7.96	55	1.3	250	
PM1210-4R7J-RC	4.7	30	7.96	50	1.7	220	
PM1210-5R6J-RC	5.6	30	7.96	47	1.8	200	
PM1210-6R8J-RC	6.8	30	7.96	43	2.0	180	
PM1210-8R2J-RC	8.2	30	7.96	40	2.3	170	
PM1210-100J-RC	10	30	2.52	36	2.5	150	
PM1210-120J-RC	12	30	2.52	33	2.8	140	
PM1210-150J-RC	15	30	2.52	30	3.2	130	CM322522
PM1210-180J-RC	18	30	2.52	27	3.6	120	
PM1210-220J-RC	22	30	2.52	25	4.0	110	
PM1210-270J-RC	27	30	2.52	20	5.0	80	
PM1210-330J-RC	33	30	2.52	17	5.6	70	
PM1210-390J-RC	39	30	2.52	16	6.4	65	
PM1210-470J-RC	47	30	2.52	15	7.0	60	
PM1210-560J-RC	56	30	2.52	13	8.0	55	
PM1210-680J-RC	68	30	2.52	12	9.0	50	
PM1210-820J-RC	82	30	2.52	11	10	45	
PM1210-101J-RC	100	20	0.796	10	10	40	
PM1210-121J-RC	120	20	0.796	10	11	70	
PM1210-151J-RC	150	20	0.796	8	15	65	
PM1210-181J-RC	180	20	0.796	7	17	60	
PM1210-221J-RC	220	20	0.796	7	21	50	

"-RC" suffix indicates RoHS compliance.