

0805 Multilayer Chip Inductors, General Applications

PM0805G Series

Part Number	L (μH) ± 5%	Q Typ	Test Freq. (MHz)	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC (mA)*	Thick. Dim. A (mm)
PM0805G-R047J	0.047	15	50	320	0.20	300	0.90
PM0805G-R068J	0.068	15	50	280	0.20	300	0.90
PM0805G-R082J	0.082	15	50	255	0.20	300	0.90
PM0805G-R10J	0.10	20	25	235	0.30	250	0.90
PM0805G-R12J	0.12	20	25	220	0.30	250	0.90
PM0805G-R15J	0.15	20	25	200	0.40	250	0.90
PM0805G-R18J	0.18	20	25	185	0.40	250	0.90
PM0805G-R22J	0.22	20	25	170	0.50	250	0.90
PM0805G-R27J	0.27	20	25	150	0.50	250	0.90
PM0805G-R33J	0.33	20	25	145	0.55	250	0.90
PM0805G-R39J	0.39	25	25	135	0.65	200	0.90
PM0805G-R47J	0.47	25	25	125	0.65	200	0.90
PM0805G-R56J	0.56	25	25	115	0.75	150	0.90
PM0805G-R68J	0.68	25	25	105	0.80	150	0.90
PM0805G-R82J	0.82	25	25	100	1.00	150	0.90
PM0805G-1R0J	1.0	45	10	75	0.40	50	0.90
PM0805G-1R2J	1.2	45	10	65	0.50	50	0.90
PM0805G-1R5J	1.5	45	10	60	0.50	50	0.90
PM0805G-1R8J	1.8	45	10	55	0.60	50	0.90
PM0805G-2R2J	2.2	45	10	50	0.65	30	0.90
PM0805G-2R7J	2.7	45	10	45	0.75	30	1.25
PM0805G-3R3J	3.3	45	10	41	0.80	30	1.25
PM0805G-3R9J	3.9	45	10	38	0.90	30	1.25
PM0805G-4R7J	4.7	45	10	35	1.00	30	1.25
PM0805G-5R6J	5.6	45	4	32	0.90	15	1.25
PM0805G-6R8J	6.8	45	4	29	1.00	15	1.25
PM0805G-8R2J	8.2	45	4	26	1.10	15	1.25
PM0805G-100J	10	45	2	24	1.15	15	1.25
	L(μH) ±20%						
PM0805G-120M	12	45	2	22	1.25	15	1.25
PM0805G-150M	15	30	1	19	0.80	5	1.25
PM0805G-180M	18	30	1	18	0.90	5	1.25
PM0805G-220M	22	30	1	16	1.10	5	1.25
PM0805G-270M	27	30	1	14	1.15	5	1.25
PM0805G-330M	33	30	0.4	13	1.25	5	1.25

Special Features:

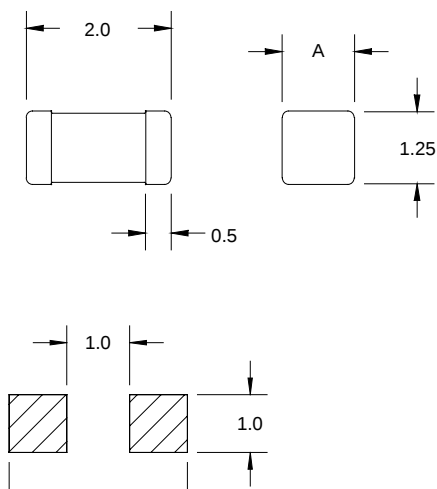
- ISO 9001 & QS9000 Certified °
- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Operating temperature -25 to +105°C
- Tape & reel package
 - 2000/reel (1.25 thickness)
 - 4000/reel (.90 thickness)

Typical Applications:

- Small cellular phones
- PDAs
- Pagers
- Hand-held organizers
- High frequency wireless communication devices
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

Notes:

- * Current to cause 20°C of temperature rise
- ° Through Taiwan Manufacturing Facilities



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