

0402 Multilayer Chip Inductors

PM0402 Series

Part Number	L (nH) ± 0.3nH @ 100MHz	Q Typ. @ 100MHz	Q Typ. @ 800MHz	SRF (MHz) Typ.	DCR (Ω) Max.	I _{DC} (mA)*
PM0402-1N0	1.0	9	32	12000	0.12	300
PM0402-1N2	1.2	9	32	12000	0.12	300
PM0402-1N5	1.5	10	32	12000	0.13	300
PM0402-1N8	1.8	10	29	10000	0.14	300
PM0402-2N2	2.2	10	28	9000	0.16	300
PM0402-2N7	2.7	10	28	8000	0.17	300
PM0402-3N3	3.3	10	27	7000	0.19	300
PM0402-3N9	3.9	10	27	6000	0.22	300
PM0402-4N7	4.7	10	27	5000	0.24	300
PM0402-5N6	5.6	10	27	4700	0.27	300
	L (nH) ± 5%					
PM0402-6N8J	6.8	10	27	4500	0.32	250
PM0402-8N2J	8.2	10	28	3900	0.37	250
PM0402-10NJ	10	10	28	3300	0.42	250
PM0402-12NJ	12	10	30	2900	0.50	250
PM0402-15NJ	15	10	28	2500	0.55	250
PM0402-18NJ	18	10	28	2100	0.65	200
PM0402-22NJ	22	10	28	1800	0.80	200
PM0402-27NJ	27	10	27	1600	0.90	200
PM0402-33NJ	33	11	25	1300	1.0	200
PM0402-39NJ	39	11	24	1200	1.2	150
PM0402-47NJ	47	11	23	1000	1.3	150
PM0402-56NJ	56	11	21	750	1.4	150

Special Features:

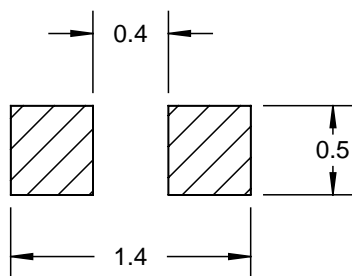
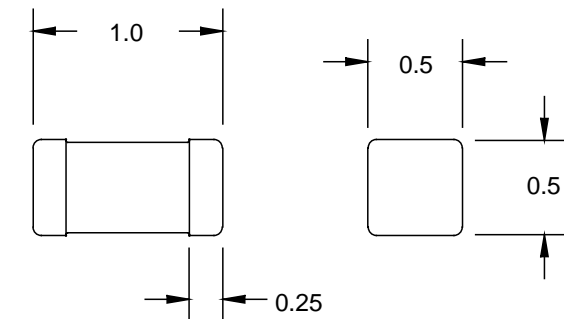
- ISO 9001 & QS9000 Certified °
- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ceramic material construction provides very stable electrical characteristics
- Operating temperature -25 to +105°C
- Tape & reel package 10,000/reel

Typical Applications:

- Small cellular phones
- PDAs
- Pagers
- Handheld 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



Pad Layout

Tol: +/- 0.1
Dim: mm

J.W. Miller

MAGNETICS

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