



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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0603 Multilayer Chip Inductors, General Applications

PM0603G Series

Part Number	L (μ H) $\pm 5\%$	Q Typ.	Test Freq. (MHz)	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC (mA)*
PM0603G-R047J	0.047	10	50	260	0.30	50
PM0603G-R068J	0.068	10	50	250	0.30	50
PM0603G-R082J	0.082	10	50	245	0.30	50
PM0603G-R10J	0.10	15	25	240	0.50	50
PM0603G-R12J	0.12	15	25	205	0.50	50
PM0603G-R15J	0.15	15	25	180	0.60	50
PM0603G-R18J	0.18	15	25	165	0.60	50
PM0603G-R22J	0.22	15	25	150	0.80	50
PM0603G-R27J	0.27	15	25	136	0.80	50
PM0603G-R33J	0.33	15	25	125	0.85	35
PM0603G-R39J	0.39	15	25	110	1.00	35
PM0603G-R47J	0.47	15	25	105	1.35	35
PM0603G-R56J	0.56	15	25	95	1.55	35
PM0603G-R68J	0.68	15	25	80	1.70	35
PM0603G-R82J	0.82	15	25	75	2.10	35
PM0603G-1R0J	1.0	30	10	70	0.60	25
PM0603G-1R2J	1.2	30	10	60	0.80	25
PM0603G-1R5J	1.5	30	10	55	0.80	25
PM0603G-1R8J	1.8	30	10	50	0.95	25
PM0603G-2R2J	2.2	30	10	45	1.15	15
PM0603G-2R7J	2.7	30	10	40	1.35	15
	L(μ H) $\pm 10\%$					
PM0603G-3R3K	3.3	30	10	38	1.55	15
PM0603G-3R9K	3.9	30	10	36	1.70	15
PM0603G-4R7K	4.7	30	10	33	2.10	15
PM0603G-5R6K	5.6	30	4	22	1.55	15
PM0603G-6R8K	6.8	30	4	20	1.70	15
PM0603G-8R2K	8.2	30	4	18	2.10	15
PM0603G-100K	10	30	2	17	2.55	15

Special Features:

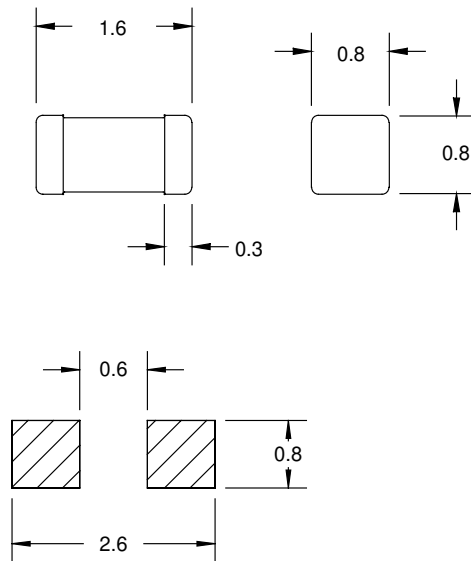
- ISO 9001 & QS9000 Certified °
- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Operating temperature -25 to +105°C
- Tape & reel package 4000/reel

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



Pad Layout

Tol: ± 0.15
Dim: mm

J.W. Miller

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