

Multilayer Chip Inductors, General Applications

Special Features

- 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 packaged 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

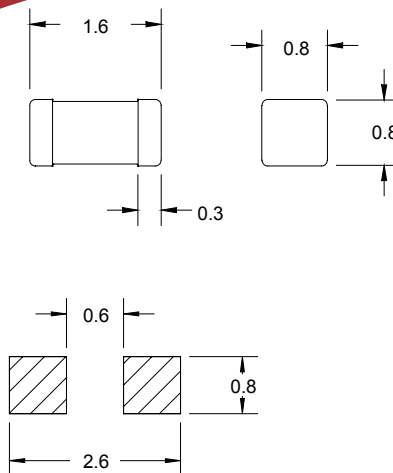
- * Current to cause 20 °C of temperature rise

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

CS160808

Only available as RoHS compliant.

OBsolete



Pad Layout

Dimensions: mm
Tolerance: +/- 0.15

BOURNS®

Tel. (877) 426-8767 • Fax (951) 781-5006

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