



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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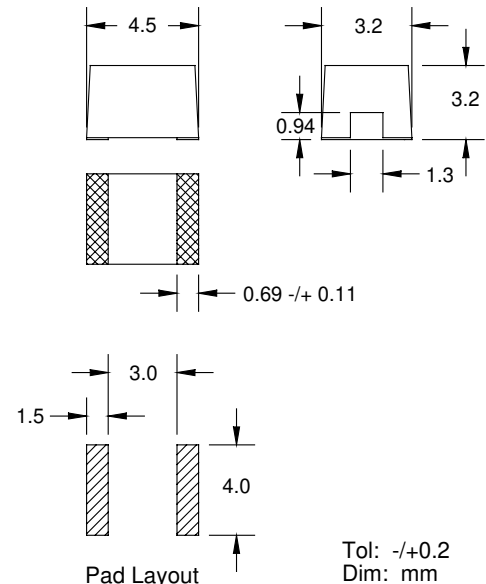
1812 Chip Inductors

PM40 Series

Part Number	L (μH) ± 20%	Q Min	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC (mA)
PM40-R10M	0.10	28	25.2	700	0.44	450
PM40-R12M	0.12	30	25.2	500	0.22	450
PM40-R15M	0.15	30	25.2	450	0.25	450
PM40-R18M	0.18	30	25.2	400	0.28	450
PM40-R22M	0.22	30	25.2	350	0.32	450
PM40-R27M	0.27	30	25.2	320	0.36	450
PM40-R33M	0.33	30	25.2	300	0.40	450
PM40-R39M	0.39	30	25.2	350	0.45	450
PM40-R47M	0.47	30	25.2	320	0.50	450
PM40-R56M	0.56	30	25.2	180	0.55	450
PM40-R68M	0.68	30	25.2	160	0.60	450
PM40-R82M	0.82	30	25.2	140	0.67	450
	L (μH) ± 10%					
PM40-1R0K	1.0	50	7.96	100	0.50	450
PM40-1R2K	1.2	50	7.96	80	0.55	430
PM40-1R5K	1.5	50	7.96	70	0.60	410
PM40-1R8K	1.8	50	7.96	60	0.65	390
PM40-2R2K	2.2	50	7.96	55	0.70	380
PM40-2R7K	2.7	50	7.96	50	0.75	370
PM40-3R3K	3.3	50	7.96	45	0.80	355
PM40-3R9K	3.9	50	7.96	40	0.90	330
PM40-4R7K	4.7	50	7.96	35	1.0	315
PM40-5R6K	5.6	50	7.96	33	1.1	300
PM40-6R8K	6.8	50	7.96	27	1.2	285
PM40-8R2K	8.2	50	7.96	25	1.4	270
PM40-100K	10	50	2.52	20	1.6	250
PM40-120K	12	50	2.52	18	2.0	225
PM40-150K	15	50	2.52	17	2.5	200
PM40-180K	18	50	2.52	15	2.8	190
PM40-220K	22	50	2.52	13	3.2	180
PM40-270K	27	50	2.52	12	3.6	170
PM40-330K	33	50	2.52	11	4.0	160
PM40-390K	39	50	2.52	10	4.5	150
PM40-470K	47	50	2.52	10	5.0	140
PM40-560K	56	50	2.52	9	5.5	135
PM40-680K	68	50	2.52	9	6.0	130
PM40-820K	82	50	2.52	8	7.0	120
PM40-101K	100	40	0.796	7	8.0	110
PM40-121K	120	40	0.796	6	8.0	110
PM40-151K	150	40	0.796	5	9.0	105
PM40-181K	180	40	0.796	5	9.5	102
PM40-221K	220	40	0.796	4	10	100
PM40-271K	270	30	0.796	3	18	92
PM40-331K	330	30	0.796	3	20	85
PM40-391K	390	30	0.796	3	23	80
PM40-471K	470	30	0.796	3	26	62
PM40-561K	560	30	0.796	2	30	50
PM40-681K	680	30	0.796	2	40	50
PM40-821K	820	30	0.796	2	45	30
PM40-102K	1000	30	0.796	2	50	30

Special Features:

- Molded construction for high reliability
- Superior environmental protection
- Large terminal surface for strong PCB bonding
- Core material:
 - Non magnetic, from 0.10 to 0.82μH
 - Iron powder, from 1.0 to 120μH
 - Ferrite, from 150 to 1000μH
- Operating temperature -55 to +125°C
- Current to cause 20°C maximum temperature rise
- Tape & reel packaged 500/reel



The PM40 Series is Not Recommended for New Designs, it is Superseded by the PM1812 Series

J.W. Miller

M A G N E T I C S

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