



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!



## Contact us

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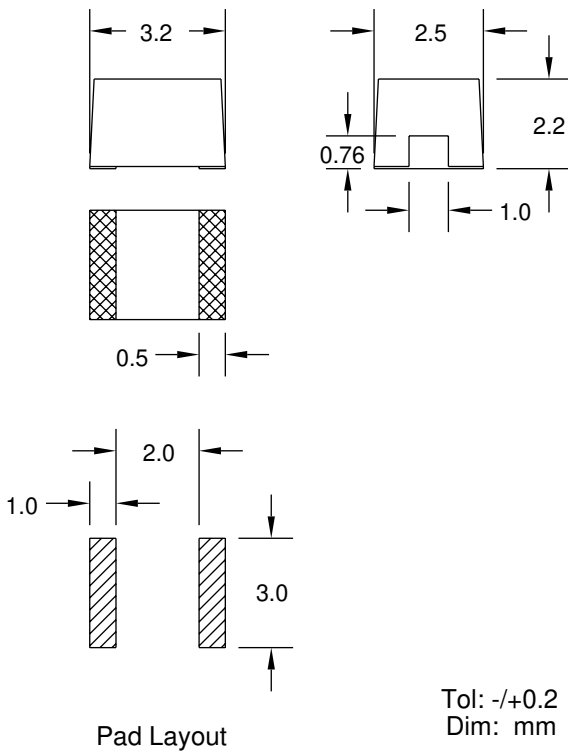
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# 1210 Shielded Chip Inductors

## Special Features

- High Q
- Magnetic shielded for low radiation
- Molded construction for high reliability
- Superior environmental protection
- Large terminal surface for strong PCB bonding
- Standard EIA 1210 chip size
- Operating temperature -55 to +125°C
- Current to cause 20°C maximum temperature rise
- Tape & reel packaged 2000/reel



PM20S Series						
Part Number	L (uH) ±20%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC (mA)
PM20S-R010M	0.010	50	50	1000	0.10	810
PM20S-R012M	0.012	50	50	1000	0.11	750
PM20S-R015M	0.015	50	50	1000	0.12	720
PM20S-R018M	0.018	50	50	1000	0.13	690
PM20S-R022M	0.022	45	50	1000	0.15	640
PM20S-R027M	0.027	45	50	1000	0.17	610
PM20S-R033M	0.033	45	50	1000	0.18	585
PM20S-R039M	0.039	40	50	1000	0.24	530
PM20S-R047M	0.047	40	50	1000	0.26	495
PM20S-R056M	0.056	40	50	1000	0.28	485
PM20S-R068M	0.068	40	50	1000	0.35	475
PM20S-R082M	0.082	38	50	900	0.45	460
PM20S-R10M	0.10	36	50	700	0.50	450
PM20S-R12M	0.12	40	25.2	500	0.20	630
PM20S-R15M	0.15	40	25.2	470	0.20	600
PM20S-R18M	0.18	40	25.2	400	0.24	580
PM20S-R22M	0.22	40	25.2	330	0.30	565
PM20S-R27M	0.27	40	25.2	310	0.33	500
PM20S-R33M	0.33	40	25.2	280	0.36	475
PM20S-R39M	0.39	40	25.2	230	0.40	465
PM20S-R47M	0.47	40	25.2	220	0.44	460
PM20S-R56M	0.56	40	25.2	200	0.45	455
PM20S-R68M	0.68	40	25.2	180	0.48	450
PM20S-R82M	0.82	40	25.2	160	0.50	450
±10%						
PM20S-1R0K	1.0	30	7.96	120	0.60	400
PM20S-1R2K	1.2	30	7.96	110	0.65	390
PM20S-1R5K	1.5	30	7.96	90	0.75	370
PM20S-1R8K	1.8	30	7.96	85	0.85	350
PM20S-2R2K	2.2	30	7.96	65	0.90	320
PM20S-2R7K	2.7	30	7.96	60	1.00	290
PM20S-3R3K	3.3	30	7.96	60	1.10	270
PM20S-3R9K	3.9	30	7.96	58	1.20	250
PM20S-4R7K	4.7	30	7.96	52	1.25	220
PM20S-5R6K	5.6	30	7.96	50	1.40	200
PM20S-6R8K	6.8	30	7.96	40	1.60	205
PM20S-8R2K	8.2	30	7.96	35	1.65	195
PM20S-100K	10	30	2.52	30	2.0	185
PM20S-120K	12	30	2.52	24	2.3	175
PM20S-150K	15	30	2.52	20	2.5	165
PM20S-180K	18	30	2.52	17	2.7	155
PM20S-220K	22	30	2.52	16	3.1	150
PM20S-270K	27	30	2.52	14	3.3	125
PM20S-330K	33	30	2.52	14	5.1	115
PM20S-390K	39	30	2.52	14	5.9	105
PM20S-470K	47	30	2.52	13	8.0	100
PM20S-560K	56	30	2.52	11	10	95
PM20S-680K	68	30	2.52	11	10	90
PM20S-820K	82	30	2.52	11	11	85
PM20S-101K	100	30	0.796	8	12	85

**J.W. Miller**  
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