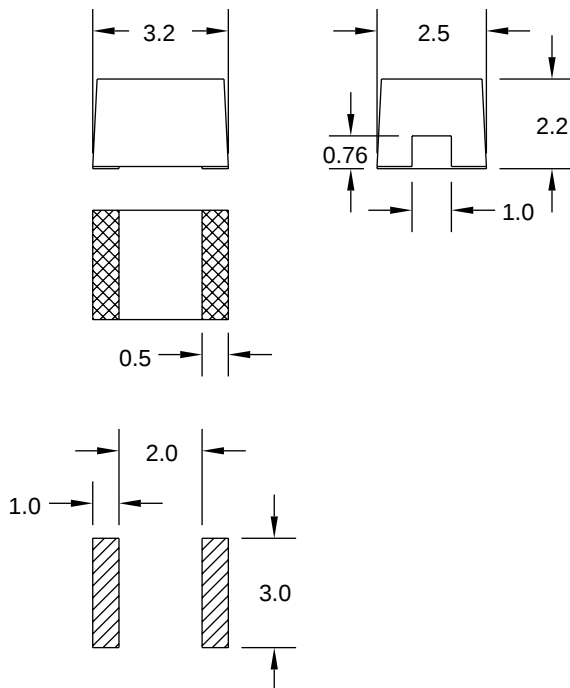


1210 Shielded Chip Inductors

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



Pad Layout

Tol: ± 0.2
Dim: mm

PM20S Series						
Part Number	L (uH) $\pm 20\%$	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
$\pm 10\%$						
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

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