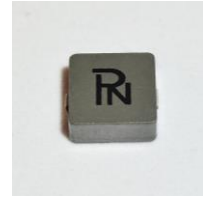


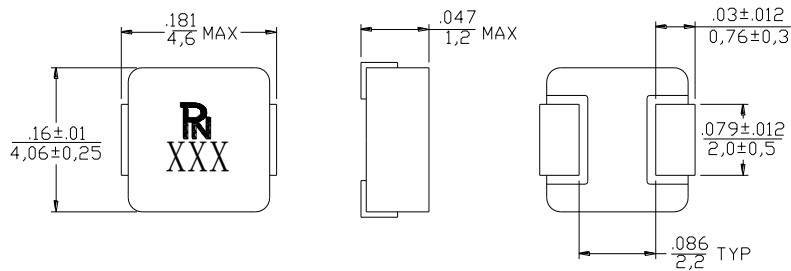
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 5.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



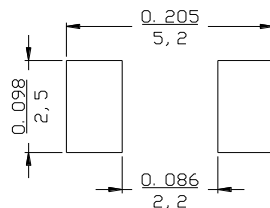
### Electrical Specifications @ 25°C

P/N	100KHz 0.25V	D.C.R (mΩ)		Heat Rating Current	Saturation Current
	L0(μH) ±20% @0A	Typical	Max	I <sub>dc</sub> (Amp) Typical	I <sub>sat</sub> (Amp) Typical
PDM 0412-R10 M-S	0.1	5.5	6	11.5	22
PDM 0412-R22 M-S	0.22	11	12	8.5	11.5
PDM 0412-R47 M-S	0.47	20	25	5	7
PDM 0412-R68 M-S	0.68	34	37	4.5	6
PDM 0412-1R0 M-S	1.0	50	52.5	4	5
PDM 0412-1R2 M-S	1.2	55	58.5	3.5	5
PDM 0412-1R5 M-S	1.5	68	75	3.25	4
PDM 0412-2R2 M-S	2.2	92	101	2.45	2.75
PDM 0412-3R3 M-S	3.3	145	165	2	2.5
PDM 0412-4R7 M-S	4.7	170	195	1.5	2
PDM 0412-6R8 M-S	6.8	312	374	1.4	1.6
PDM 0412-8R2 M-S	8.2	341	409	1.3	1.5
PDM 0412-100 M-S	10	430	515	1	1.4

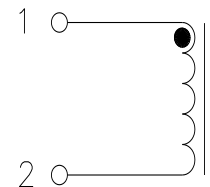
### Dimensions (unit: inch/mm)



### Recommended Layout: [unit: inch/ mm]



### Schematics(continued)



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