

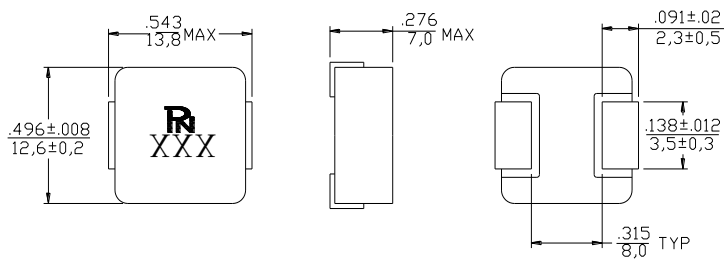
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 5.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



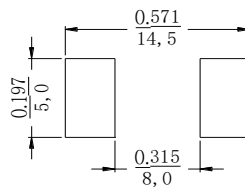
### Electrical Specifications @ 25°C

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 1270-R33 M-S	0.33	0.83	0.9	45	65
PDM 1270-R47 M-S	0.47	1.0	1.2	38	60
PDM 1270-R56 M-S	0.56	1.2	1.4	35	56
PDM 1270-R68 M-S	0.68	1.4	1.6	32	50
PDM 1270-1R0 M-S	1.0	1.7	2.0	30	45
PDM 1270-2R2 M-S	2.2	3.5	4.2	22	38
PDM 1270-3R3 M-S	3.3	5.7	6.8	15	32
PDM 1270-3R6 M-S	3.6	5.7	6.8	17	30
PDM 1270-4R7 M-S	4.7	9.3	11.2	13	28
PDM 1270-6R0 M-S	6.0	13.1	14	10	14
PDM 1270-100 M-S	10	16.4	17	8	12
PDM 1270-150 M-S	15	29	32	6	10
PDM 1270-220 M-S	22	46	50	4	7
PDM 1270-330 M-S	33	65	70	4	7

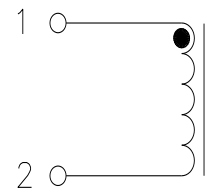
### Dimensions (unit: inch/mm)



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



### Schematics(continued)



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