

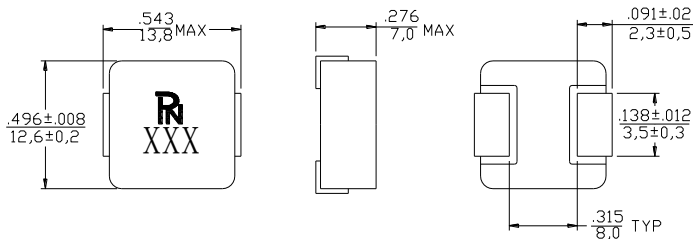
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 5.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



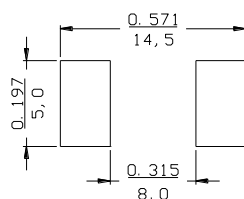
Electrical Specifications @ 25°C

P/N	100KHz 0.25V	D.C.R (mΩ)		Heat Rating Current	Saturation Current
	L0(μH) ±20% @0A	Typical	Max	Idc (Amp) Typical	Isat (Amp) Typical
PDM 1270-R40 M-N	0.4	0.88	1.0	35	60
PDM 1270-R47 M-N	0.47	1.15	1.3	18.6	56
PDM 1270-R60 M-N	0.6	1.2	1.4	23	45
PDM 1270-1R0 M-N	1.0	1.7	2.0	15.9	40
PDM 1270-2R2 M-N	2.2	3.5	4.2	12.7	25.5
PDM 1270-3R3 M-N	3.3	5.7	6.8	10.5	21.5
PDM 1270-4R7 M-N	4.7	9.3	11.2	8.5	16.5
PDM 1270-6R8 M-N	6.8	13.1	14	7.5	13.5
PDM 1270-8R2 M-N	8.2	15.7	17	6.5	12.5
PDM 1270-100 M-N	10	16.4	17	6.5	11.5
PDM 1270-150 M-N	15	29	32	5.5	10
PDM 1270-220 M-N	22	46	50	4	7
PDM 1270-330 M-N	33	65	70	4	7
PDM 1270-470 M-N	47	75	84	2.95	5.5
PDM 1270-680 M-N	68	105	117	2.5	4.5

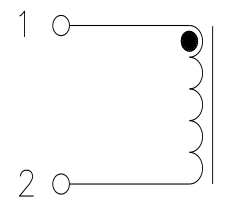
Dimensions (unit: inch/mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)



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