

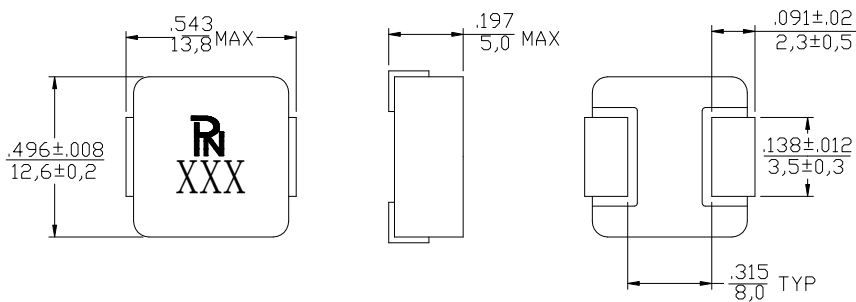
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 5.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



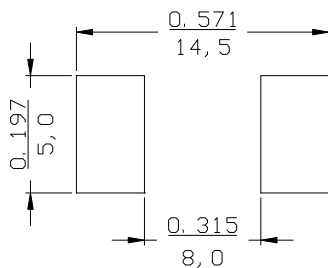
### Electrical Specifications @ 25°C

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 1250-R36 M-S	0.36	0.86	1.0	40	65
PDM 1250-R47 M-S	0.47	1.1	1.3	35	60
PDM 1250-R68 M-S	0.68	1.5	1.7	30	50
PDM 1250-1R0 M-S	1.0	2.1	2.5	26	45
PDM 1250-1R5 M-S	1.5	3.4	4.1	22	40
PDM 1250-2R2 M-S	2.2	5.5	6.0	20	30
PDM 1250-3R3 M-S	3.3	7.7	9.2	15	30
PDM 1250-4R7 M-S	4.7	12.8	15	12	25
PDM 1250-5R6 M-S	5.6	14	16.5	11.5	20
PDM 1250-6R8 M-S	6.8	15.4	18.5	10	18
PDM 1250-8R2 M-S	8.2	18.9	22.5	8	12
PDM 1250-100 M-S	10	21.4	25.5	8	12

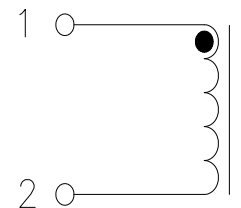
### Dimensions (unit: inch/mm)



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



### Schematics(continued)



### TUSTIN OFFICE:

15991 Red Hill Avenue, Suite #102, Tustin,  
California 92780 USA

Tel:+1-714-460-0718 Fax:+1-714-460-0728

<http://www.palnova.com>

### SANTA CLARA OFFICE:

3000 Kenneth Street, Santa Clara,  
California 95054 USA

Tel:+1-408-855-8866 Fax:+1-408-855-8868