

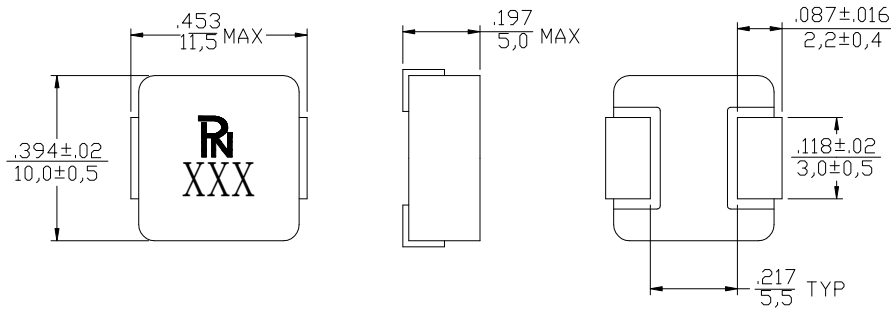
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 5.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



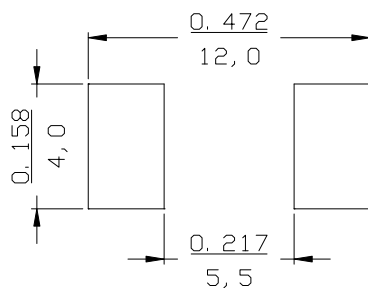
### Electrical Specifications @ 25°C

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 1050-R80 M-N	0.8	3.0	3.5	7.5	20
PDM 1050-1R5 M-N	1.5	4.5	6.0	7	18
PDM 1050-2R2 M-N	2.2	6.7	7.2	6.3	15
PDM 1050-3R3 M-N	3.3	9.2	10.4	5.75	10
PDM 1050-4R7 M-N	4.7	11	12.3	5	8
PDM 1050-6R8 M-N	6.8	21.5	24	4.5	7
PDM 1050-100 M-N	10	35	45	4	7
PDM 1050-150 M-N	15	46	50	3	5

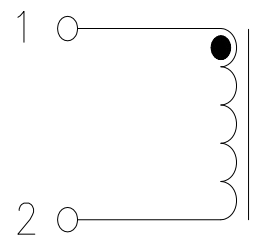
### Dimensions (unit: inch/mm)



### 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