

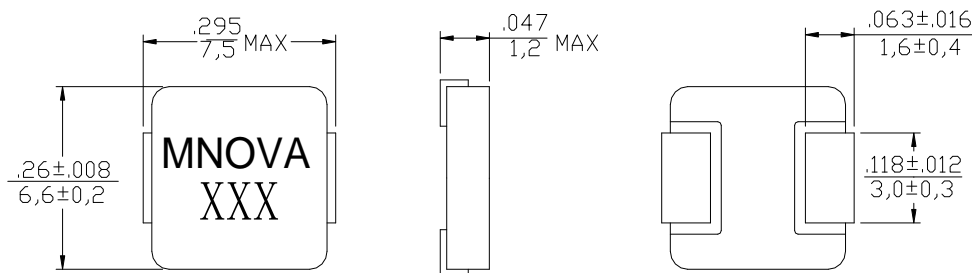
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 5.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



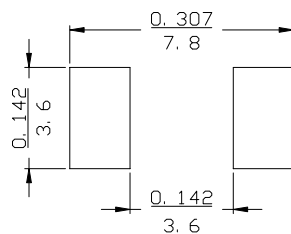
### Electrical Specifications @ 25°C

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
MDM 0612-R33 M-S	0.33	9	10.0	9.5	16
MDM 0612-R56 M-S	0.56	13.5	15	7	11
MDM 0612-R68 M-S	0.68	17	19	7	9.5
MDM 0612-R82 M-S	0.82	21.5	24.5	6.3	8
MDM 0612-1R0 M-S	1.0	25	29	6	7
MDM 0612-1R5 M-S	1.5	35.5	40.8	4	6
MDM 0612-2R2 M-S	2.2	51.5	59	4	5
MDM 0612-3R3 M-S	3.3	80	92	3	4
MDM 0612-4R7 M-S	4.7	106	122	2.7	3.5
MDM 0612-6R8 M-S	6.8	185	210	2.2	2.8
MDM 0612-100 M-S	10	250	290	2	2.2

### Dimensions (unit:inch/ mm)



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



### Schematics(continued)

