

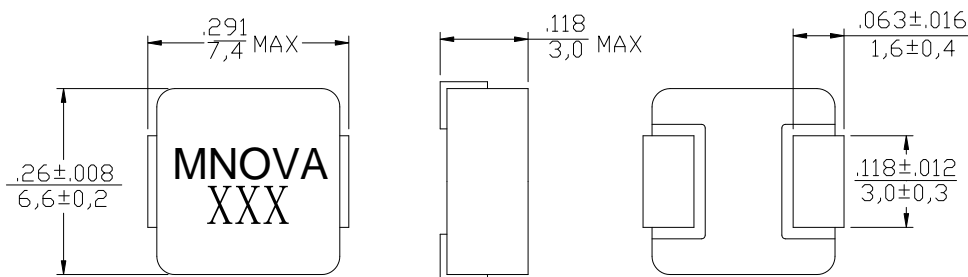
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



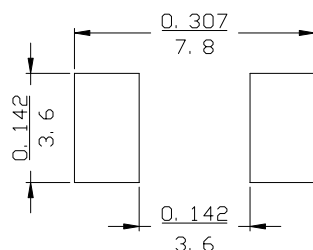
Electrical Specifications @ 25°C

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 0630-R18 M-2	0.18	1.59	1.8	30	55
MDM 0630-R33 M-2	0.33	2.3	2.53	25	35
MDM 0630-R47 M-2	0.47	3.0	3.4	21	24
MDM 0630-R56 M-2	0.56	3.50	3.85	21	20
MDM 0630-1R0 M-2	1.0	6.40	7.1	18	23
MDM 0630-1R2 M-2	1.2	7.5	8.4	14	23
MDM 0630-1R8 M-2	1.8	10	11	12	18.2
MDM 0630-2R2 M-2	2.2	12.7	13.97	10	15.9
MDM 0630-3R3 M-2	3.3	23	26	8	15

Dimensions (unit:inch/ mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)

