

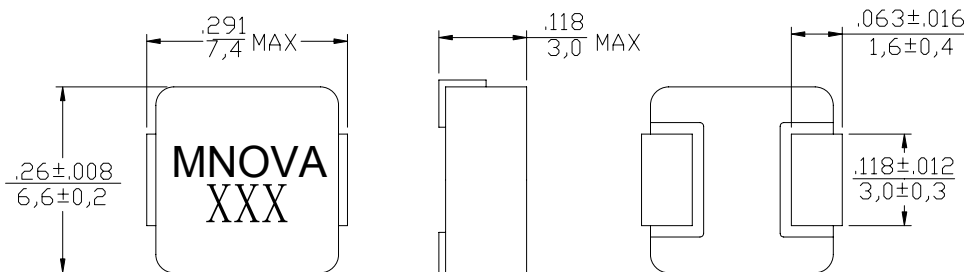
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



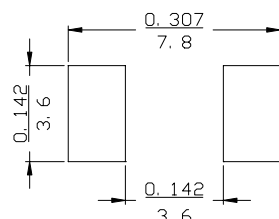
### Electrical Specifications @ 25°C

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-R10 M-S	0.1	1.9	2.1	28	45
MDM 0630-R22 M-S	0.22	2.5	2.8	23	40
MDM 0630-R33 M-S	0.33	3.5	3.9	20	35
MDM 0630-R47 M-S	0.47	4.0	4.5	15	35
MDM 0630-R56 M-S	0.56	4.0	4.5	15	26
MDM 0630-R68 M-S	0.68	5.0	5.5	13.5	25
MDM 0630-R82 M-S	0.82	6.7	8.0	12	24
MDM 0630-1R0 M-S	1.0	9.0	10	11	22
MDM 0630-1R5 M-S	1.5	12.5	14	10	18
MDM 0630-2R2 M-S	2.2	16	18	8	14
MDM 0630-3R3 M-S	3.3	24	27	5.5	12
MDM 0630-4R7 M-S	4.7	36	40	5.5	10
MDM 0630-5R6 M-S	5.6	36	40	4.5	8
MDM 0630-6R8 M-S	6.8	54	60	4.5	8
MDM 0630-8R2 M-S	8.2	64	68	4	7
MDM 0630-100 M-S	10	75	95	4	7
MDM 0630-150 M-S	15	120	130	3	3.5
MDM 0630-220 M-S	22	128	135	2.5	2.9
MDM 0630-330 M-S	33	250	280	2	3

### Dimensions (unit:inch/ mm)



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



### Schematics(continued)

