

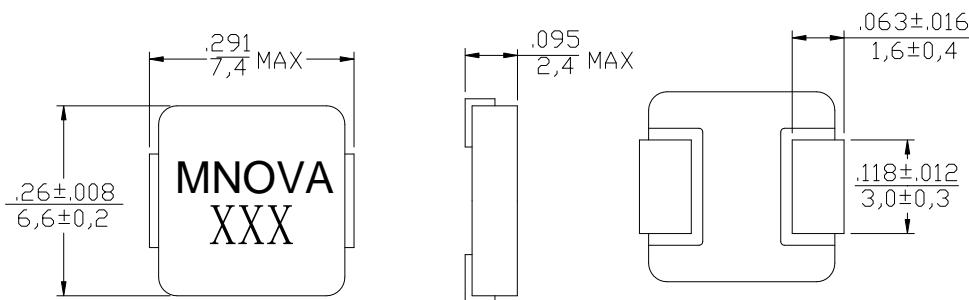
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



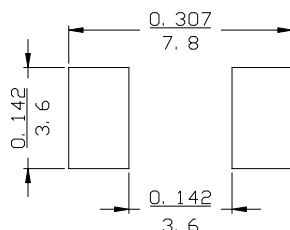
Electrical Specifications @ 25°C

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 0624-R10 M-S	0.1	1.5	1.7	30	50
MDM 0624-R22 M-S	0.22	2.9	3.2	21	34
MDM 0624-R33 M-S	0.33	3.2	3.55	18	35
MDM 0624-R47 M-S	0.47	5.4	6.0	13.5	22
MDM 0624-R68 M-S	0.68	7.3	8.1	11	18
MDM 0624-R82 M-S	0.82	8.5	9.35	11	18
MDM 0624-1R0 M-S	1.0	11.5	12.5	9	16
MDM 0624-1R5 M-S	1.5	18	20.6	7.5	16
MDM 0624-2R2 M-S	2.2	23	25	7	14
MDM 0624-3R3 M-S	3.3	28.5	31.5	6	6
MDM 0624-4R7 M-S	4.7	53	63	5	8
MDM 0624-6R8 M-S	6.8	68	76	3.5	4.5
MDM 0624-100 M-S	10	112	125	2.5	3.5

Dimensions (unit:inch/ mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)

