

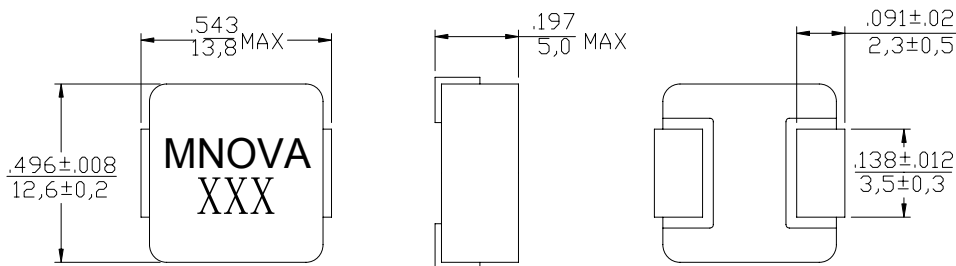
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



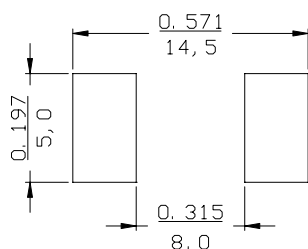
Electrical Specifications @ 25°C

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 1250-R36 M-S	0.36	0.86	1.0	41	65
MDM 1250-R47 M-S	0.47	1.1	1.3	38	65
MDM 1250-R68 M-S	0.68	1.5	1.7	34	54
MDM 1250-1R0 M-S	1.0	2.1	2.5	29	50
MDM 1250-1R5 M-S	1.5	3.2	4.0	23	48
MDM 1250-2R2 M-S	2.2	5.5	6.0	20	32
MDM 1250-3R3 M-S	3.3	7.7	9.2	15	32
MDM 1250-4R7 M-S	4.7	13	15	12	27
MDM 1250-5R6 M-S	5.6	14	16.5	11.5	22
MDM 1250-6R8 M-S	6.8	15.4	18.5	11	21
MDM 1250-8R2 M-S	8.2	18.9	22.5	9.5	18
MDM 1250-100 M-S	10	21.4	25.5	9	16

Dimensions (unit: inch/mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)

