

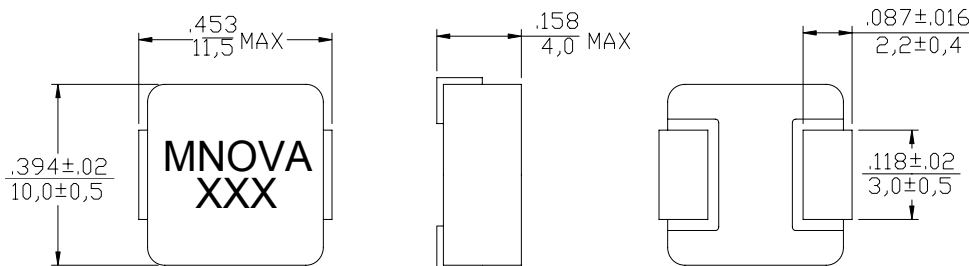
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



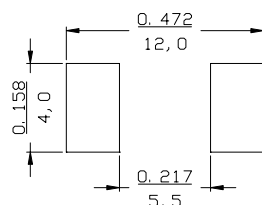
Electrical Specifications @ 25°C

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 1040-R22 M-S	0.22	0.85	0.96	35	50
MDM 1040-R30 M-S	0.3	1.05	1.2	30	55
MDM 1040-R47 M-S	0.47	1.6	1.8	30	40
MDM 1040-R56 M-S	0.56	1.6	1.8	27.5	40
MDM 1040-R68 M-S	0.68	1.8	2.0	22	35
MDM 1040-1R0 M-S	1.0	3.0	3.5	18	36
MDM 1040-1R5 M-S	1.5	4.5	6.0	16	27.5
MDM 1040-2R2 M-S	2.2	6.7	7.0	12	25.6
MDM 1040-2R5 M-S	2.5	8.75	10	9	15
MDM 1040-3R3 M-S	3.3	10.5	11.8	10	18.6
MDM 1040-3R8 M-S	3.8	12.5	13.75	9	12
MDM 1040-4R7 M-S	4.7	14	16.5	8	12
MDM 1040-5R2 M-S	5.2	19.5	22	8	10
MDM 1040-6R8 M-S	6.8	21.5	24	6	10
MDM 1040-100 M-S	10	35	45	5	8
MDM 1040-150 M-S	15	46	50	5	7
MDM 1040-220 M-S	22	70	75	3	5
MDM 1040-330 M-S	33	95	110	3	5
MDM 1040-470 M-S	47	118	130	4	5

Dimensions (unit: inch/mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)

