

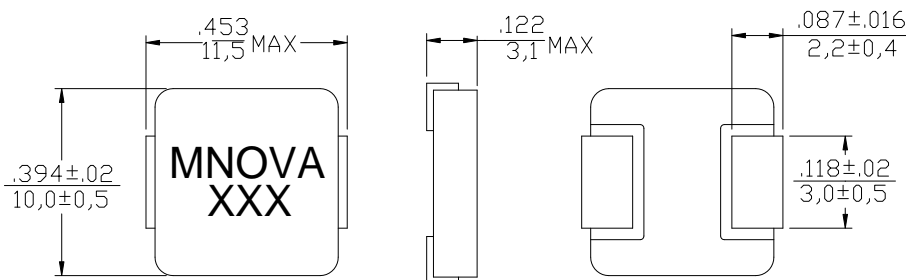
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



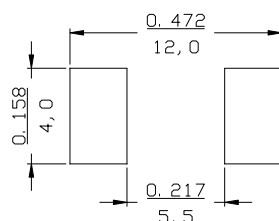
Electrical Specifications @ 25°C

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 1030-R30 M-S	0.3	1.55	1.7	35	55
MDM 1030-R47 M-S	0.47	2	2.2	30	45
MDM 1030-R56 M-S	0.56	2.5	2.75	25	30
MDM 1030-R68 M-S	0.68	2.8	3.1	25	30
MDM 1030-1R0 M-S	1.0	4.5	4.95	25	30
MDM 1030-1R5 M-S	1.5	7	7.8	13.5	26
MDM 1030-3R3 M-S	3.3	13.5	15	9	14
MDM 1030-4R7 M-S	4.7	21	24	9	12
MDM 1030-6R8 M-S	6.8	32	36	7	12
MDM 1030-100 M-S	10	46	52	7	10

Dimensions (unit: inch/mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)

