

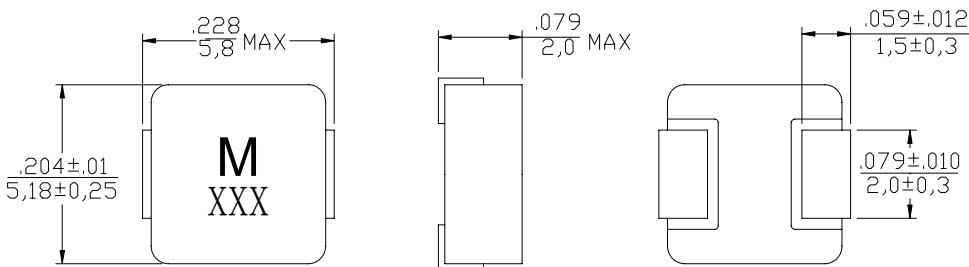
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



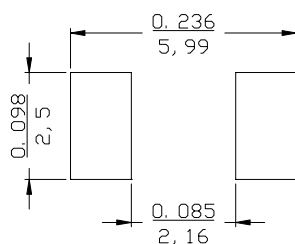
### Electrical Specifications @ 25°C

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 0520-R16 M-S	0.16	3.6	4.1	18.8	28
MDM 0520-R33 M-S	0.33	7.1	7.70	12	20
MDM 0520-R56 M-S	0.56	8.3	9.54	13.9	14.1
MDM 0520-1R0 M-S	1.0	16.8	18.3	7	9.5
MDM 0520-1R2 M-S	1.2	17.8	20.5	9.4	9.5
MDM 0520-1R5 M-S	1.5	31.5	35	5.5	7
MDM 0520-2R2 M-S	2.2	33	38	5.5	7
MDM 0520-3R3 M-S	3.3	52	56.5	4.5	7.5
MDM 0520-4R7 M-S	4.7	75.3	81.3	3.5	4.5
MDM 0520-5R6 M-S	5.6	85.2	92	3	4.5
MDM 0520-6R8 M-S	6.8	114	121	2.8	4.3
MDM 0520-100 M-S	10	170	188	2.4	4

### Dimensions (unit: inch/mm)



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



### Schematics(continued)

