

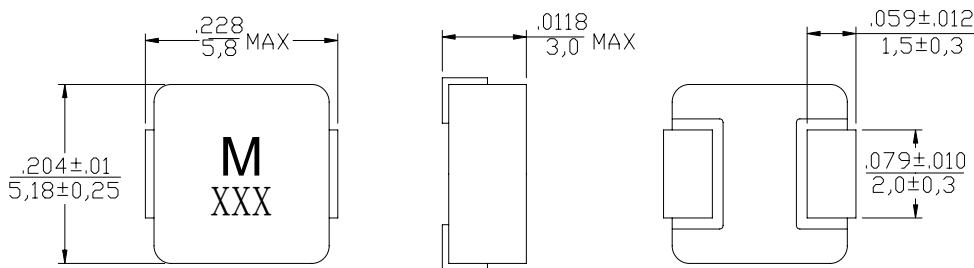
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



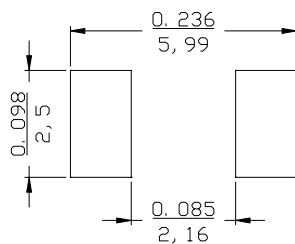
### Electrical Specifications @ 25°C

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 0530-R20 M-S	0.2	3.5	3.9	15.5	20
MDM 0530-R47 M-S	0.47	6.7	7.04	12	16
MDM 0530-R68 M-S	0.68	11	12	8	14
MDM 0530-1R0 M-S	1.0	13	14	9.2	12
MDM 0530-1R5 M-S	1.5	20	22	6	10
MDM 0530-2R2 M-S	2.2	25	28	5	9
MDM 0530-3R3 M-S	3.3	32	38	5	7
MDM 0530-4R7 M-S	4.7	54	58	3.5	5
MDM 0530-100 M-S	10	124	135	2.5	4

### Dimensions (unit: inch/mm)



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



### Schematics(continued)

