

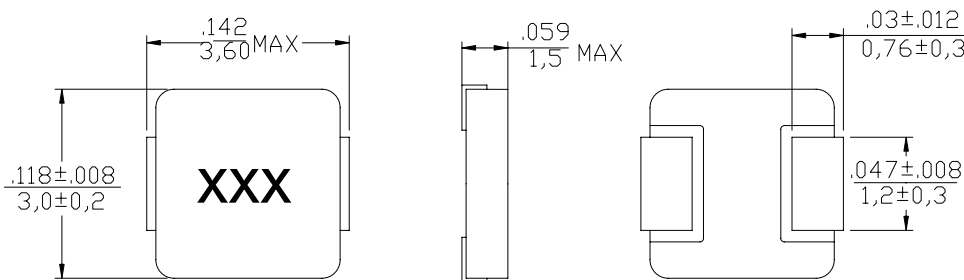
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



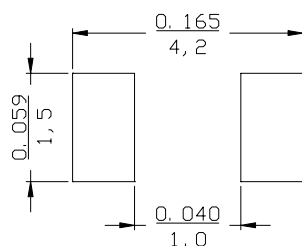
Electrical Specifications @ 25°C

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 0315-R22 M-S	0.22	10	12	8.5	12
MDM 0315-R33 M-S	0.33	12.5	15	7.8	9
MDM 0315-R47 M-S	0.47	19	22	5	6.5
MDM 0315-R56 M-S	0.56	23	27	5	7
MDM 0315-R68 M-S	0.68	25	30	4.1	8.1
MDM 0315-1R0 M-S	1.0	39	47	2.7	4.5
MDM 0315-1R5 M-S	1.5	41	46	2.7	4.5
MDM 0315-2R2 M-S	2.2	85	97	2	3.5

Dimensions (unit: inch/mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)

