

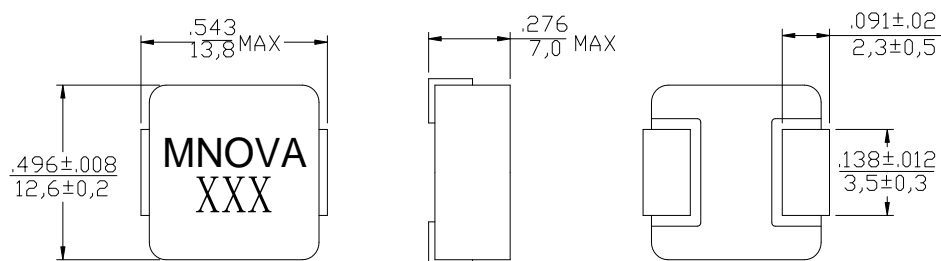
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 1.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -55°C TO +125°C



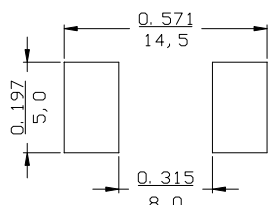
Electrical Specifications @ 25°C

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 1270-R33 M-S	0.33	0.83	0.9	45	65
MDM 1270-R47 M-S	0.47	1.0	1.2	38	60
MDM 1270-R56 M-S	0.56	1.2	1.4	35	56
MDM 1270-R68 M-S	0.68	1.4	1.6	32	50
MDM 1270-1R0 M-S	1.0	1.7	2.0	30	49
MDM 1270-2R2 M-S	2.2	3.5	4.2	22	40
MDM 1270-3R3 M-S	3.3	5.7	6.8	18	32
MDM 1270-3R6 M-S	3.6	6.3	7	16	30
MDM 1270-4R7 M-S	4.7	8	8.7	13.5	28
MDM 1270-6R0 M-S	6.0	12	13.5	12	18
MDM 1270-6R8 M-S	6.8	12	13.5	11.5	25
MDM 1270-100 M-S	10	15.5	17	9	16
MDM 1270-150 M-S	15	31	34	5	9
MDM 1270-220 M-S	22	46	50	4	7
MDM 1270-330 M-S	33	75	81	4	7
MDM 1270-470 M-S	47	85	90	3	6
MDM 1270-680 M-S	68	103	116	4	6
MDM 1270-820 M-S	82	118	128	4	5
MDM 1270-101 M-S	100	143	160	2	4

Dimensions (unit: inch/mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)

