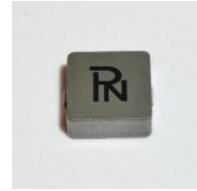


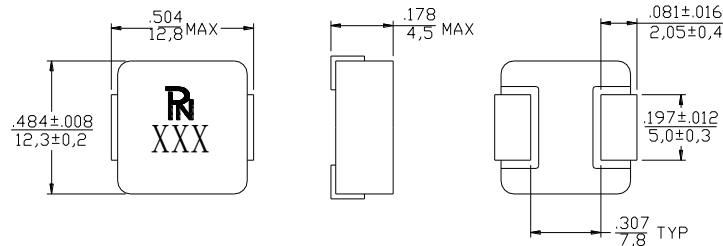
- Large Current and Low DCR
- Magnetically shielded construction
- High frequency range up to 5.0 MHz.
- Low noise.
- Ultra low cost.
- Operating Temperature range: -40°C TO +125°C



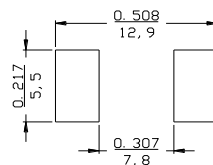
Electrical Specifications @ 25°C

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
PDM 1245-R15 M-S	0.15	1	1.2	40	75
PDM 1245-R22 M-S	0.22	1.1	1.3	38.5	65
PDM 1245-R33 M-S	0.33	1.3	1.5	36.5	62
PDM 1245-R47 M-S	0.47	1.8	2	30	50
PDM 1245-1R0 M-S	1.0	3	3.5	20	38
PDM 1245-1R5 M-S	1.5	5.1	5.7	19	30
PDM 1245-2R2 M-S	2.2	7.2	8	15	25
PDM 1245-3R9 M-S	3.9	12.5	14	10	18
PDM 1245-4R7 M-S	4.7	14.3	15	8	15
PDM 1245-6R8 M-S	6.8	19.8	22	9	18
PDM 1245-8R2 M-S	8.2	21.6	27	5.5	6.5
PDM 1245-100 M-S	10	24	28	4.5	5.8
PDM 1245-120 M-S	12	31.67	38	4.1	4.96
PDM 1245-150 M-S	15	37.3	44.8	3.6	4.62
PDM 1245-180 M-S	18	46.97	56.4	3.4	4.32
PDM 1245-220 M-S	22	53.99	64.8	3.2	3.83
PDM 1245-270 M-S	27	66.7	80	2.8	3.44
PDM 1245-330 M-S	33	80.83	97	2.6	3.12
PDM 1245-390 M-S	39	110	132	2.3	2.85
PDM 1245-470 M-S	47	124.66	149.6	2.2	2.63
PDM 1245-560 M-S	56	144.32	173.2	2	2.35
PDM 1245-680 M-S	68	183.33	220	1.8	2.13

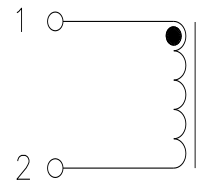
Dimensions (unit: inch/mm)



Recommended Layout: [unit: inch/ mm]



Schematics(continued)



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