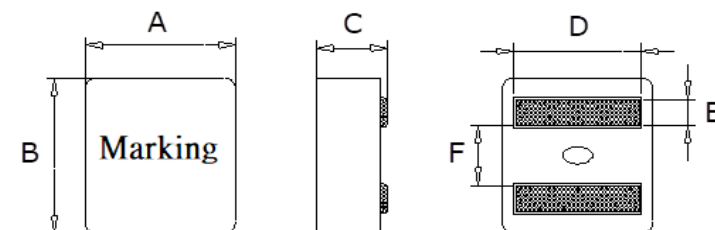


Features

- All test data is referenced to 25 °C ambient
- $I_{dc1}(I_{sat})$: will cause L_0 to drop 30% approximately.
- $I_{dc2}(I_{rms})$: will cause the coil temperature rise of 40°C approximately (Δt)
- Operating temperature range: - 55 °C to + 125 °C
- Storage temperature range: -55°C to +125°C.
- Tape and reel packaging: -55°C to +80°C



Part Number	Inductance (μH) $\pm 20\%$ @100KHz/0.1V	DC Resistance (m Ω) Max.	$I_{dc1}(I_{sat})$ (A)		$I_{dc2}(I_{rms})$ (A)
			Max.	Typ.	Typ.
YMT0530A-R16M	0.16	2.33	32.0	35.0	22.2
YMT0530A-R33M	0.33	3.52	26.0	28.0	19.2
YMT0530A-R47M	0.47	4.13	24.0	26.0	18.4
YMT0530A-R56M	0.56	4.52	20.2	22.2	17.7
YMT0530A-R60M	0.60	4.52	20.0	22.0	17.7
YMT0530A-R82M	0.82	5.78	17.6	19.7	12.9
YMT0530A-1R0M	1.00	7.60	14.3	16.5	12.2
YMT0530A-1R2M	1.20	9.70	13.5	15.0	11.0
YMT0530A-1R5M	1.50	11.20	12.5	14.0	10.5
YMT0530A-1R8M	1.80	12.70	11.3	12.3	10.1
YMT0530A-2R2M	2.20	14.50	9.0	10.0	9.7
YMT0530A-3R3M	3.30	23.10	8.7	9.5	8.1
YMT0530A-4R7M	4.70	36.30	7.0	8.2	5.9

A	B	C	D	E	F
5.5 ± 0.2	5.3 ± 0.2	2.9 ± 0.2	4.3 ± 0.3	1.1 ± 0.3	2.3 ± 0.3

