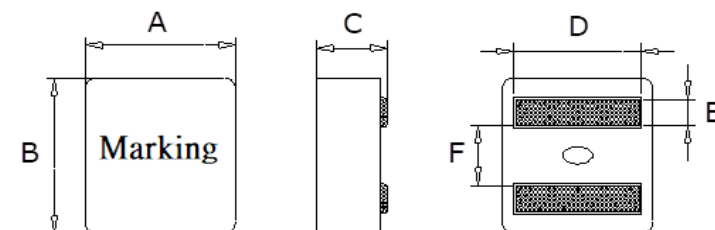


Features

- 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 ($m\Omega$) Max.	$I_{dc1}(I_{sat})$ (A)		$I_{dc2}(I_{rms})$ (A)	$D \pm 0.3$
			Max.	Typ.	Typ.	
YMT0630A-R18M	0.18	1.75	36	40	32	5.30
YMT0630A-R33M	0.33	2.50	28	32	25	5.55
YMT0630A-R56M	0.56	3.31	25	29	22	5.30
YMT0630A-R68M	0.68	5.17	21	25	20	5.30
YMT0630A-1R0M	1.00	6.05	18	23	18	5.20
YMT0630A-1R2M	1.20	7.40	16	22	16	5.15
YMT0630A-1R5M	1.50	9.13	15.5	20	15	5.15
YMT0630A-1R8M	1.80	10.20	13.0	18.2	14	5.10
YMT0630A-2R2M	2.20	12.20	11.0	15.9	10	5.05
YMT0630A-3R3M	3.30	20.80	9.0	12.2	8.0	5.00
YMT0630A-4R5M	4.50	25.30	8.0	10.0	7.0	5.00

A	B	C		D	E	F
6.6 ± 0.2	6.4 ± 0.2	$L \leq 1.2\mu H$	$L \geq 1.5\mu H$	See Spec table	1.4 ± 0.3	2.6 ± 0.3

