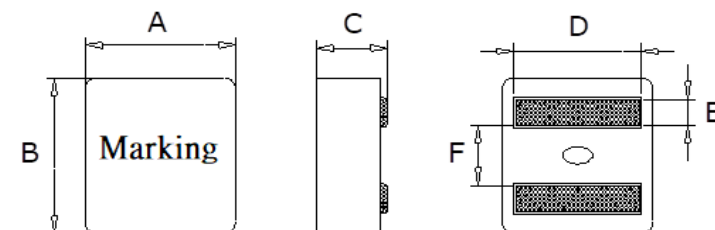


Features

- 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.	
YMT0730A-1R0M	1.0	5.00	28.0	30.0	21.8	6.6
YMT0730A-1R5M	1.5	8.25	23.5	25.0	15.3	6.6
YMT0730A-2R2M	2.2	13.7	17.0	19.0	13.0	6.2
YMT0730A-2R7M	2.7	15.4	13.5	16.0	11.4	6.2
YMT0730A-3R3M	3.3	18.00	13.0	15.0	10.0	6.2
YMT0730A-4R7M	4.7	26.70	12.2	13.5	9.00	6.2
YMT0730A-5R6M	5.6	33.20	11.5	12.5	7.30	6.2
YMT0730A-6R8M	6.8	42.50	11.0	12.0	6.80	6.2
YMT0730A-8R2M	8.2	48.73	9.0	10.2	5.90	6.2

A	B	C	D	E	F
7.8 ± 0.25	7.6 ± 0.2	2.9 ± 0.2	See Spec table	1.75 ± 0.3	3.15 ± 0.3

