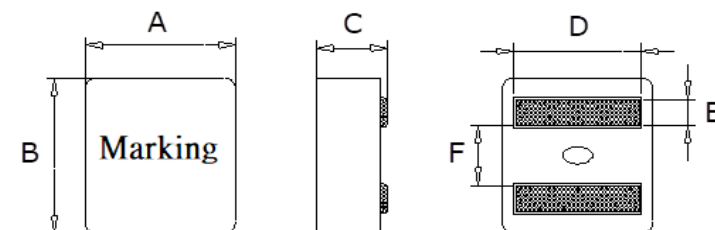


Features

- 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)
			Max.	Typ.	Typ.
YMT0520A-R15M	0.15	4.60	27.0	30.0	18.8
YMT0520A-R33M	0.33	7.00	24.0	26.0	14.4
YMT0520A-R47M	0.47	8.05	20.0	22.0	14.1
YMT0520A-R56M	0.56	9.54	16.0	19.0	13.9
YMT0520A-R68M	0.68	10.20	14.0	16.0	13.4
YMT0520A-R82M	0.82	12.70	13.0	15.0	12.0
YMT0520A-1R0M	1.00	13.80	12.8	14.5	10.5
YMT0520A-1R2M	1.20	16.30	12.2	14.0	9.4
YMT0520A-1R5M	1.50	18.70	11.7	13.3	8.8

A	B	C	D	E	F
5.5 ± 0.2	5.3 ± 0.2	1.9 ± 0.2	4.3 ± 0.3	1.1 ± 0.3	2.3 ± 0.3

