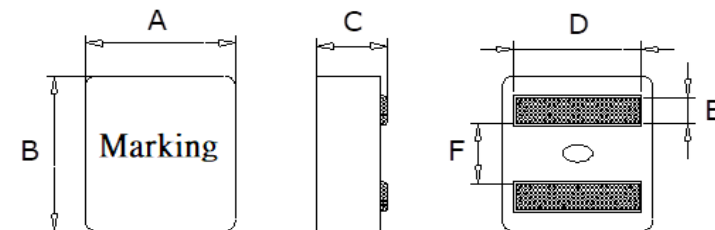


Features

- 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 ($\text{m}\Omega$) Max.	$I_{dc1}(I_{sat})$ (A)		$I_{dc2}(I_{rms})$ (A)
			Max.	Typ.	Typ.
YMT1030A-R28M	0.28	1.60	58.0	65	35
YMT1030A-R56M	0.56	2.75	39.0	44	32
YMT1030A-R82M	0.82	4.10	32.0	38	25
YMT1030A-R90M	0.90	4.20	31.0	36	24
YMT1030A-1R0M	1.00	4.95	30.0	35	23
YMT1030A-1R5M	1.50	6.60	25.0	30	18

A	B	C	D	E	F
11.9 ± 0.3	11.0 ± 0.3	2.9 ± 0.2	9.0 ± 0.5	2.4 ± 0.3	4.4 ± 0.5

