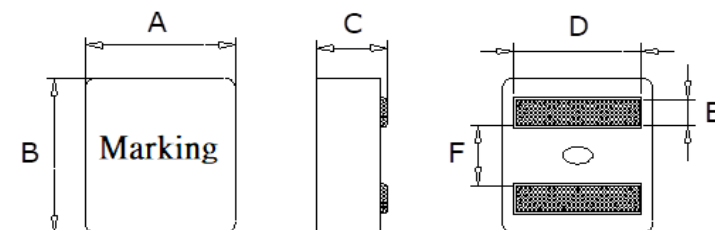


Features

- 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.
YMT0420A-R10M	0.10	2.42	33.0	38.0	18.0
YMT0420A-R22M	0.22	4.60	18.8	19.5	16.8
YMT0420A-R36M	0.36	6.30	15.0	17.0	14.5
YMT0420A-R40M	0.40	7.73	13.5	15.5	14.0
YMT0420A-R47M	0.47	8.58	13.0	14.5	12.5
YMT0420A-R56M	0.56	9.30	12.6	14.0	12.0
YMT0420A-R60M	0.60	9.52	12.3	13.7	11.7
YMT0420A-R72M	0.72	11.6	10.6	12.0	10.5
YMT0420A-1R0M	1.0	14.6	8.8	9.6	9.6
YMT0420A-1R2M	1.2	17.9	7.8	9.0	9.0
YMT0420A-1R5M	1.5	23.5	7.4	8.0	7.6
YMT0420A-1R8M	1.8	28.0	7.0	7.5	7.0
YMT0420A-2R2M	2.2	38.7	6.0	6.5	5.6

A	B	C	D	E	F
4.1 ± 0.2	4.1 ± 0.2	1.9 ± 0.2	3.4 ± 0.3	0.88 ± 0.2	1.7 ± 0.3

