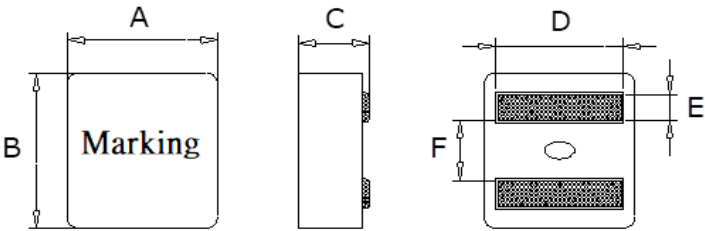


Features

- 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 (uH) $\pm 20\%$ @100KHz/0.1V	DC Resistance (m Ω) Max.	$I_{dc1}(I_{sat})$ (A)		$I_{dc2}(I_{rms})$ (A)	D ± 0.3
			Max.	Typ.	Typ.	
YMT0720A-R27M	0.27	3.5	32	35	21	6.6
YMT0720A-R31M	0.31	4.8	31	34	20	6.2
YMT0720A-R33M	0.33	4.8	31	34	19	6.2
YMT0720A-R47M	0.47	6.2	25	28	17	6.2
YMT0720A-R68M	0.68	9.2	23	25	13	6.2
YMT0720A-1R0M	1.00	10.8	20	23	11	6.2

A	B	C	D	E	F
7.8 ± 0.25	7.6 ± 0.2	1.85 ± 0.2	See Spec table	1.75 ± 0.3	3.15 ± 0.3

