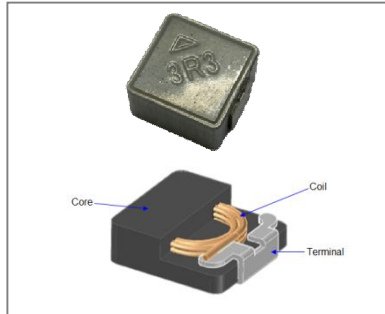
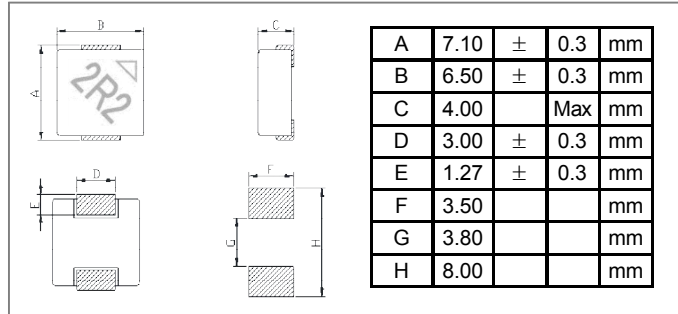


YCM6540T Series

■ Pictures



■ Dimensions [mm]



■ Features

- Metal Molding Design
- Frequency Range up to 5 MHz
- Lowest DCR/uH
- Buzz Noise Suppression
- 100% Lead Free

■ Applications

- PDA/Notebook/Desktop/Server Applications
- Low Profile, High Current Power Supplies
- Battery Powered Devices
- DC/DC Converters for Power System Distribution
- Mobile RF Repeater

■ Electrical Specifications

Part Number	Inductance (uH)	DC Resistance (max., mΩ)	Saturation Rated Current(max.,A) ⁽¹⁾	Temperature Rise Current(typ.,A) ⁽²⁾
YCM6540T-R68MS	0.68±20%	4.5	22.3	14.4
YCM6540T-R82MS	0.82±20%	5.6	18.9	12.4
YCM6540T-1R0MS	1.0±20%	7.4	16.1	10.1
YCM6540T-1R5MS	1.5±20%	9.1	14.1	9.1
YCM6540T-2R2MS	2.2±20%	15.7	12.1	8.1
YCM6540T-3R3MS	3.3±20%	19.8	11.3	6.7
YCM6540T-4R7MS	4.7±20%	29.7	10.1	5.4
YCM6540T-6R8MS	6.8±20%	45.5	7.7	4.6
YCM6540T-8R2MS	8.2±20%	51.5	6.9	4.2
YCM6540T-100MS	10 ±20%	71.3	5.2	3.8
YCM6540T-150MS	15 ±20%	124.8	4.8	2.8
YCM6540T-220MS	22 ±20%	143.6	4.1	2.2
YCM6540T-330MS	33 ±20%	193.1	3.8	2.1
YCM6540T-470MS	47 ±20%	297.0	2.1	1.0

- All Test Data is Referenced to 25°C Ambient
- Measuring Condition : 100kHz, 100mV
- Tolerance of Inductance : ± 20%
- (1) Saturation Rated Current : 20% lower than its initial value
- (2) Temperature Rise Current : ΔT = 40°C
Temperature of components should be checked in the end application
- Operating Temperature : -55°C ~ 125°C

■ Ordering information

