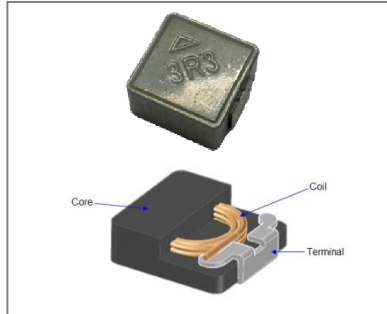
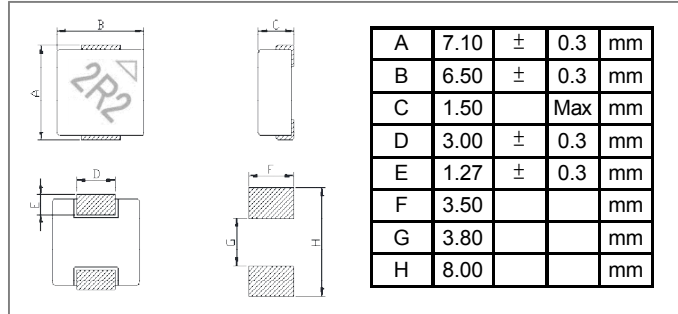


YCM6515T Series

■ 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⁾
YCM6515T-R47MS	0.47±20%	21.5	7.8	5.4
YCM6515T-1R0MS	0.68±20%	35.0	7.2	4.3
YCM6515T-2R2MS	1.0 ±20%	46.8	6.5	4.0
YCM6515T-3R3MS	1.5±20%	72.0	5.7	3.2
YCM6515T-4R7MS	2.2±20%	85.0	4.3	2.5

- 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

