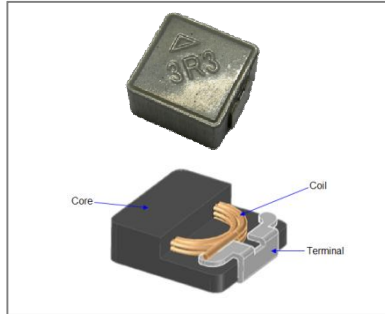
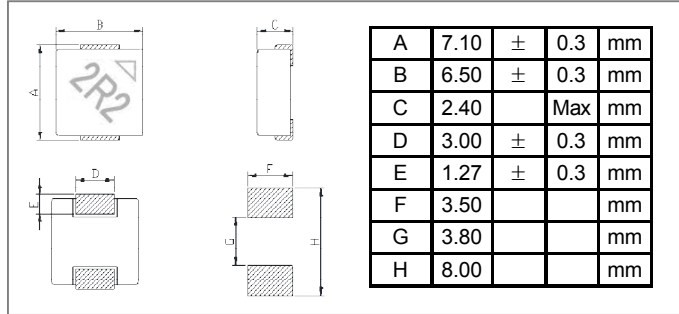


YCM6524T Series

■ 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⁾
YCM6524T-R47MS	0.47±20%	6.2	28.3	9.4
YCM6524T-R68MS	0.68±20%	8.7	15.7	8.6
YCM6524T-R82MS	0.82±20%	9.9	12.9	8.0
YCM6524T-1R0MS	1.0±20%	14.4	12.1	6.9
YCM6524T-1R5MS	1.5±20%	20.8	10.6	5.9
YCM6524T-2R2MS	2.2±20%	29.7	10.1	5.1
YCM6524T-3R3MS	3.3±20%	44.6	9.3	4.3
YCM6524T-4R7MS	4.7±20%	57.4	5.6	3.9
YCM6524T-6R8MS	6.8±20%	84.2	4.8	3.1
YCM6524T-8R2MS	8.2±20%	101.0	4.1	2.7
YCM6524T-100MS	10 ±20%	118.8	3.2	2.2

- 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

