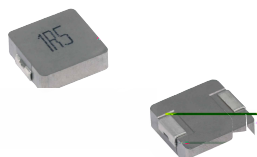


MDE Series

Molding Power Inductors

Size 0518



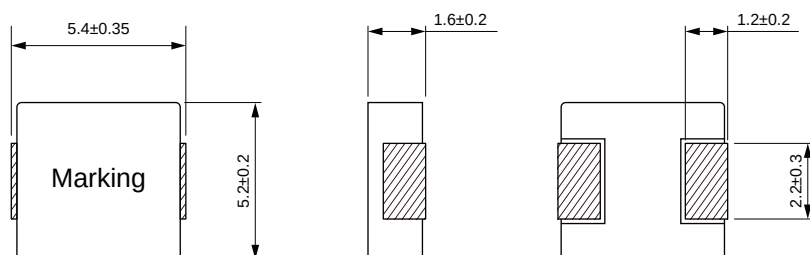
FEATURES

- High rated current
- Frequency up to 3 MHz
- 125 °C
- Low core loss
-
- Halogen Free & ROHS compliant
-
-

APPLICATION

-
- Switch and servers
-
-
-
- SSD modules

Dimensions: [mm]



Land Pattern: [mm]

Electrical Properties:

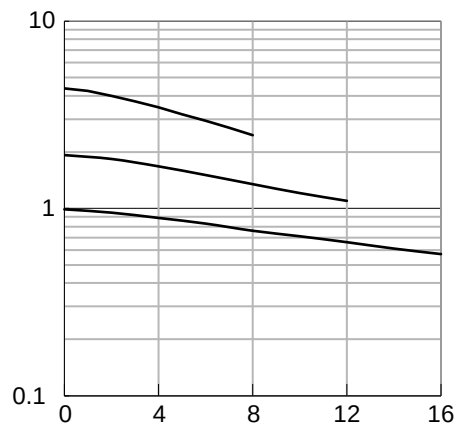
Part No.	Inductance (μH) (100kHz)	Resistance (mΩ)	Q (100kHz/100mV)	Current Rating (A)	Temperature Rise Current (A)
				1.5A	
			15.0	1.1A	
			15.0		

Rated Current with case temperature approximately 50°C

Temperature Rise Current: The rated current at 60°C case temperature and temperature rise is 15°C/s

Typical Electrical Characteristics:

Inductance vs DC Current Characteristics:



Temperature Rise vs DC Current Characteristics:

