



SMBM5H SERIES

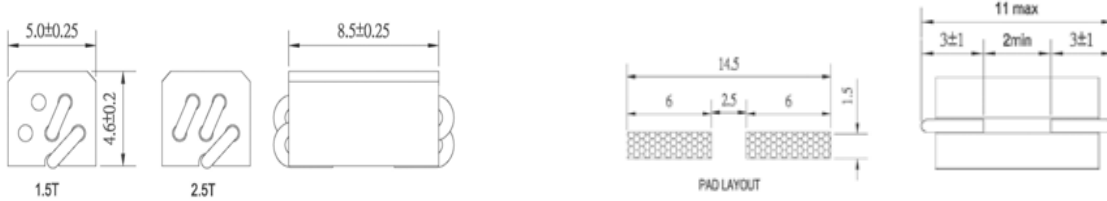
SURFACE MOUNT BEADS

Applications :

- Power and signal filter.



Shape and Dimensions (Dimensions are in mm) :



Features :

- SMD wide band chokes.
- Medium current (up to 3 Amps), high impedance EMI suppression component.
- Tin-covered wire.

Product Identification :

SMB M5H – 1.5T – H7H

(1) (2) (3) (4)

- (1) Type : **Surface Mount Beads.**
- (2) Style : **M5H Core.**
- (3) Number of turns : **1.5 T or 2.5 T.**
- (4) Core material : "**H7H**" or others.

Characteristics :

- Rated DC Current : 3.0A
- DC Resistance : 7.5 mΩ MAX.
- Operating temperature : -20°C to 105°C

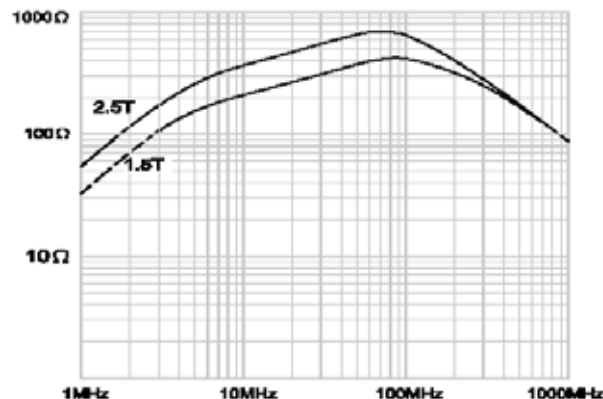
Test equipments :

- Impedance : Agilent E4991A RF Impedance Analyzer
- Electrical specifications at 25°C

● SMBM5H series

Part No.	Impedance (Ω) @10MHz Min.	Impedance (Ω) @50MHz Min.	Impedance (Ω) @100MHz Min.
SMBM5H-1.5T	230Ω	400Ω	430Ω
SMBM5H-2.5T	300Ω	625Ω	600Ω

Typical performance curves :



* Due to the limited space, the catalogue shows the typical specifications only. For more specific details (characteristics graph, reliability, and others), kindly invite you to access 3L official website www.3lcoil.com for better known.



PRODUCT OVERVIEW

Type	Effective Range of Noise Suppression				Application
	1 MHz	10 MHz	100 MHz	1GHz	
SMB-A		█	█		General Signal Line (I/O Port)
SMB-B			█		High Speed Signal Line (LCD panel, Clock Signal, RAM Bus)
SMB-P		█	█		Large Current Line (3A to 6A)
SMB-R	█	█			Low Speed Signal Line, Ringing Prevention (Audio Signal, CMOS IC)
SMB-L		█	█		Medium Current Line (300mA to 1A)

APPLICATION GUIDE

