

# Wide Band Ferrite Beads—S5H Series

## S5H Series



### Features

Wide band EMI suppression effect  
High Current rating

### Applications

Compact and simple design with high reliability  
Very good SMD solution for traditional wide band choke

### Product Identification

S5HXXXXXXMTL - XXXX-XXXX  
For example: S5H504685MTL-2R5T-TC050

### General Specifications

Parameters Test Temp..... 25°C  
Operation Temp.....-25°C to +85°C  
(Including temperature Rise)  
Storage Temp.....0~-40°C  
Storage Humidity.....<70% RH

## Shape And Dimensions

Fig1

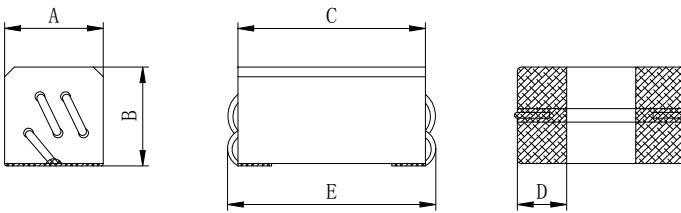
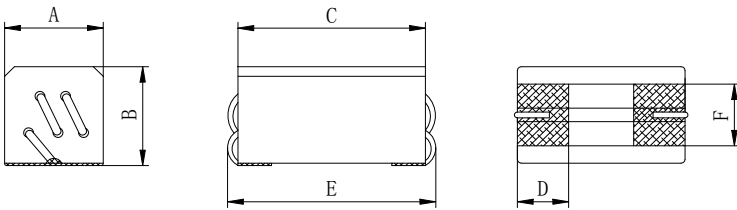
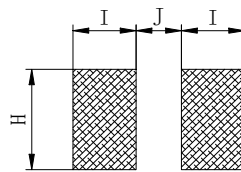
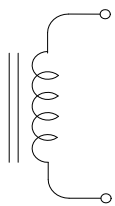


Fig2



## Electrical Schematic & PAD Layout



## Dimensions In mm

TYPE	A	B	C	D	E	F	H	I	J	Fig
	±0.5	±0.5	±0.5	Ref	Max	Ref	Ref	Ref	Ref	
504655	5.00	4.60	5.50	2.00	8.00	--	5.20	2.20	1.60	1
504685	5.00	4.65	8.50	3.00	11.0	--	5.20	3.20	2.60	1
504685	5.00	4.65	8.50	2.50	11.0	3.00	5.20	3.20	2.60	2

## Standard Specifications

Stamp	Turns (Ts)	Impedance (Ω)Min 25MHz	Impedance (Ω)Min 100MHz	IDC (A)Max $\Delta T \cong 40^\circ C$	Fig
S5H504655MTL-2R5T-TC050	2.5	204	311	7.0	1
S5H504685MTL-2R5T-TC050	2.5	326	435	7.0	1
S5H504685M1TL-2R5T-TC050	2.5	326	435	7.0	2

\*All the data listed in this catalogue are for reference only, JENG SHI reserves the right to alter or revise the specifications without prior notification.

\*Beyond the above specification also can meet the special requirements. Need detailed content Please to the website query or contact us.

