

SMB322521V5-350-X1 Specification

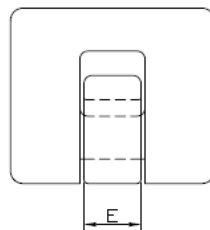
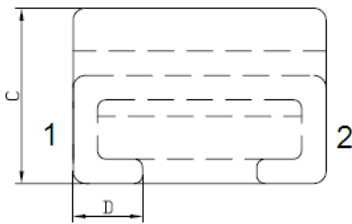
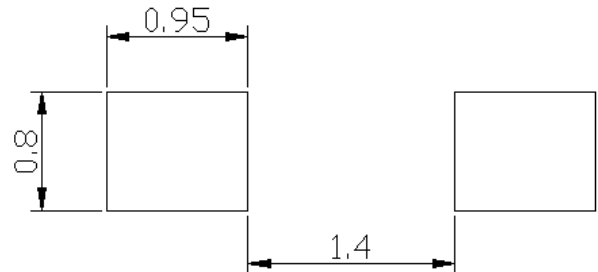
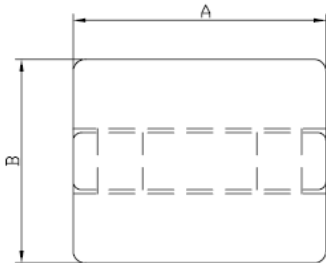
SMD Ferrite Filter

APPLICATION

Smart phones, tablet terminals, digital cameras, video cameras, HDDs, power supply modules, etc

1. Shapes and Dimensions

Recommended Land Pattern



Unit: mm

Type	A	B	C	D	E
SMB322521	3.10±0.15	2.50±0.15	2.15±0.15	0.85±0.20	0.70±0.15

2. Ordering / Part Number Information

SMB 322521 V5 - 350 - X1
 (1) (2) (3) (4) (5)

- (1) Product Group
- (2) Dimension Code
- (3) Type Code
- (4) Impedance (at 100MHz)
ex:350=35Ω
- (5) Control Code

Reference

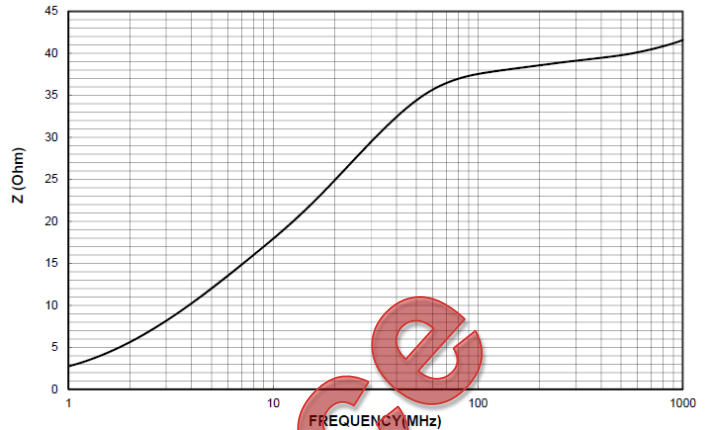
3. Electrical Characteristics

3-1. Electrical Specification

Part Number	Impedance (Z) @25MHz	Impedance (Z) @100MHz	DC Resistance (R _{DC}) Max.	Rated Current (IDC) @1MHz Typ.
SMB322521V5-350-X1	25.0Ω±25%	35.0Ω±25%	0.6 mΩ	21A

Note1:Rated Current : Based on temperature rise (ΔT : 40°C Typ.)

3-2. Schematic Diagram & Typical Electrical Curve



3-3. Operating Temperature Range

-40°C to +125°C (Including self - temperature rise)

3-4. Storage Temperature Range

Store this product under the condition of 5°C to 40°C, 20% to 70%RH and use within 6 months.

4. Package Quantity

Standard Quantity for Packaging: 1,000 pcs/Reel

Note

1. Please make sure that your product is has been evaluated and confirmed against your specifications when our product is mounted to your product.
2. Do not knock nor drop.
3. All the items and parameters in this product specification have been prescribed on the premise that our product is used for the purpose, under the condition and in the environment agreed upon between you and us. You are requested not to use our product deviating from such agreement.
4. Please keep the distance between transformer/coil and other components (refer to the standard IEC 950)