



Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	1.25mm +/-0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	47uH +/-20% at 2MHz
Rated Current	4mA
Self-Resonant Frequency [Min.]	11MHz
Self-Resonant Frequency [Typ.]	20MHz
Q [Min.]	35 at 2MHz
Q [Typ.]	55 at 2MHz
DC Resistance [Nom.]	1.6Ω
DC Resistance [Max.]	2.7Ω

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 85degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.014g

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- Documents
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RoHS Certificate

REACH Certificate

Product Lineup

FAQ

[FAQ] What is a magnetic shield type?

- Design Tools
- S-parameter

SPICE Netlist(Simple)

SPICE Netlist(Precision)

Components Characteristics Viewer
- Request

Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



Products

» Search by Part No.

» Search by Characteristics

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» Inductors (Coils)

» EMC Components

» RF / SAW Components and Modules

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» Current Protection Devices

» Temperature Protection Devices

» Sensors and Sensor Systems

» Ceramic Switching / Heating, Piezo Components and Buzzers

» Transformers

» Ferrites and Accessories

» Noise Suppression Sheets / Magnetic Sheets

» Anechoic Chambers and Radio Wave Absorbers

» Power Supplies

» Magnets

» Flash Storage

» Wireless Charging

» FA Systems

» ITO Transparent Conductive Film

» Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

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