

Size	
Length(L)	2.50mm +/-0.20mm
Width(W)	2.00mm +/-0.20mm
Thickness(T)	1.20mm Max.
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	1uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	4A (30% Down)
Rated Current (L Change) [Max.]	3.4A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.53A (40degC Rise)
Rated Current (Temperature Rise) [Max.]	3A (40degC Rise)
DC Resistance [Nom.]	47mΩ
DC Resistance [Max.]	56mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.03g

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(Distributor Inventory Check)

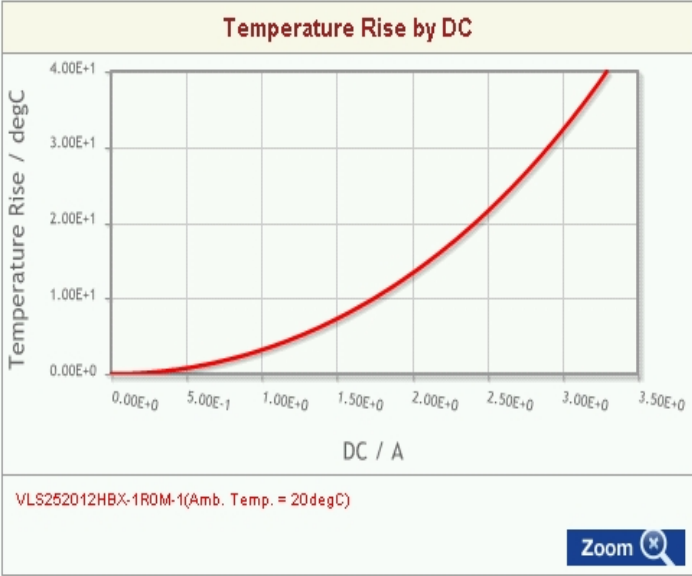
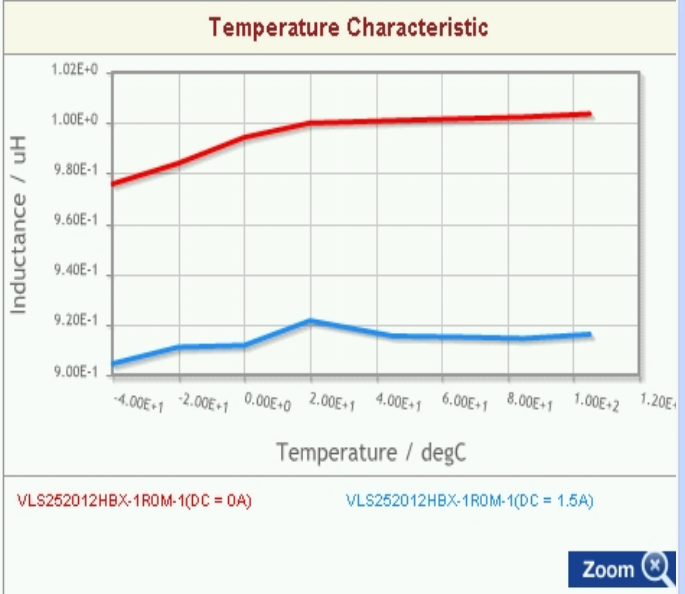
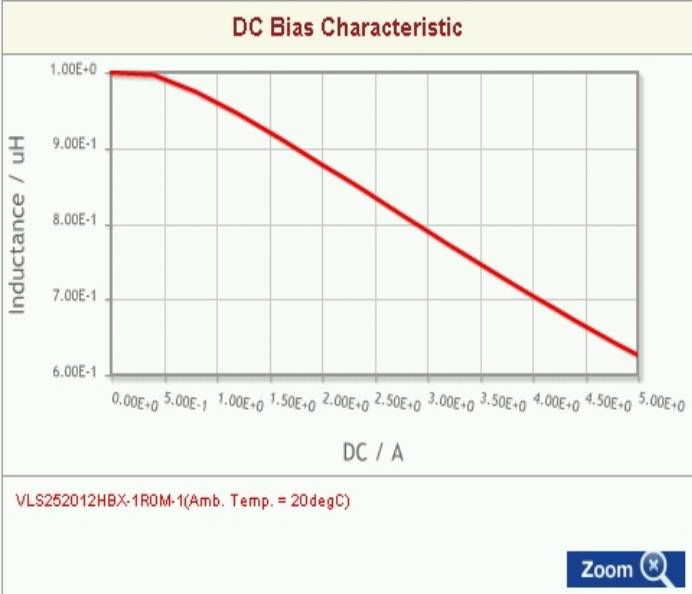
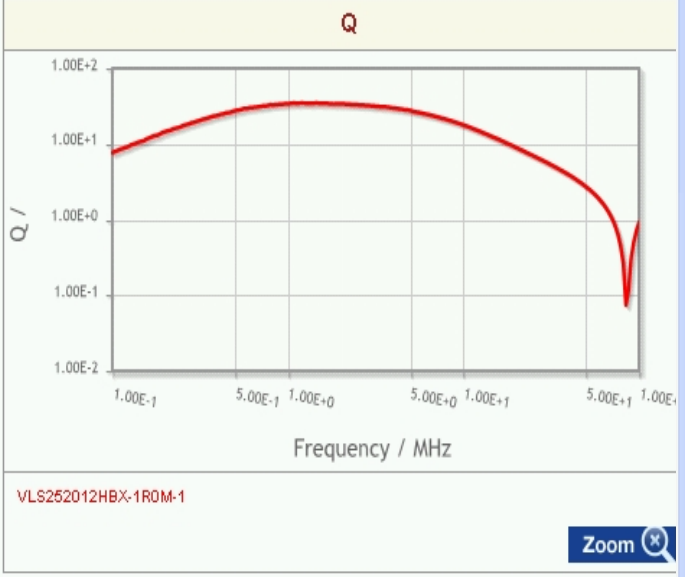
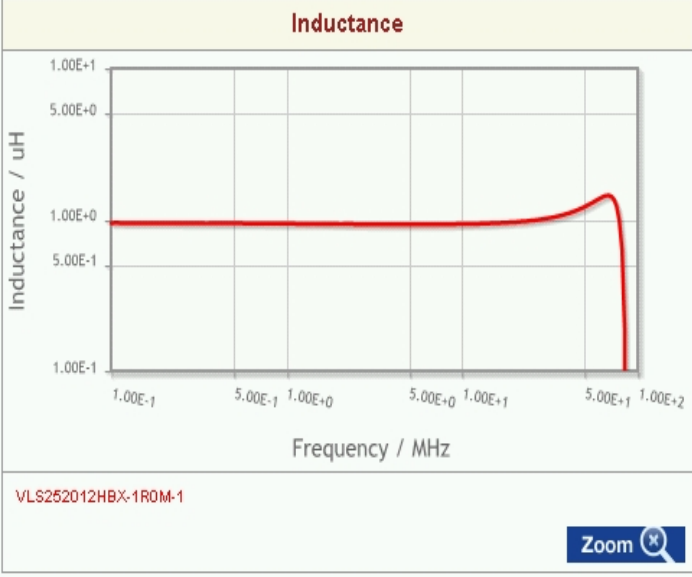
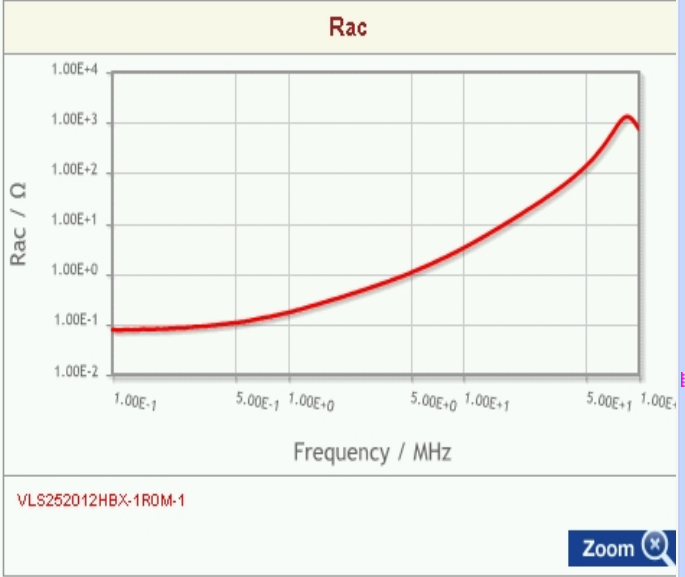
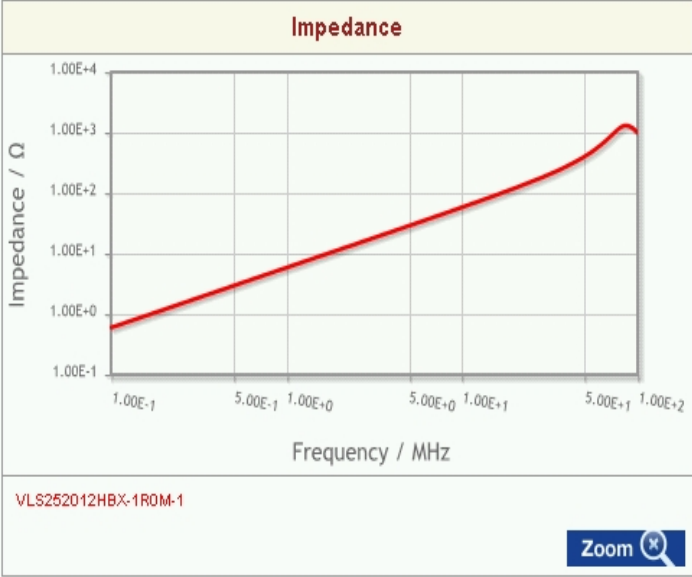
Contact

Documents	
Catalog	en
RoHS Certificate	en
REACH Certificate	en
Product Lineup	en
FAQ	en
[FAQ] What is a magnetic shield type?	en

Design Tools	
S-parameter	
SPICE Netlist(Simple)	
SPICE Netlist(Precision)	Request
Components Characteristics Viewer	

Characteristic Graphs

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



Products

» Search by Part No.

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» Inductors (Coils)

» EMC Components

» RF / SAW Components and Modules

» Voltage Protection Devices

» 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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