

# Inductors (Coils)

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**MLP2520W2R2MT0S1**



**Applications** Commercial Grade

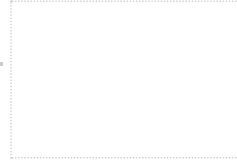
**Shield** Magnetic Shield

**Feature** **Multilayer** Multilayer

**Ferrite Core** Ferrite Core

**Series** MLP

**Status** Production



Images are for reference only and show exemplary products.

PDF file of this page

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### Documents

- Catalog
- RoHS Certificate
- SVHC/REACH Certificate
- Product Lineup

### Technical Support Tools

- S-parameter
- SPICE Netlist (Simple)
- Equivalent Circuit Model

Size	
Length(L)	2.50mm ±0.15mm
Width(W)	2.00mm ±0.15mm
Thickness(T)	0.85mm ±0.15mm
Recommended Land Pattern (A)	0.70mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	2.2µH ±20% at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	1.2A (40°C Rise)
DC Resistance [Typ.]	160mΩ
DC Resistance [Max.]	208mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	3000pcs
Weight	0.015g

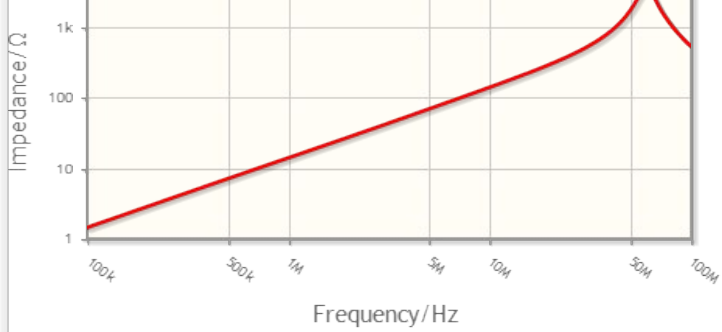
## Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)

### Impedance

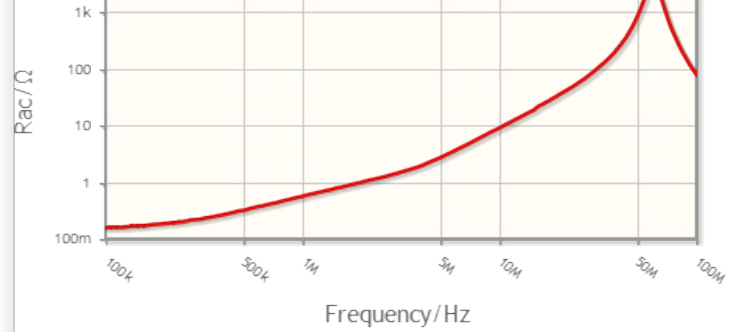


### Rac

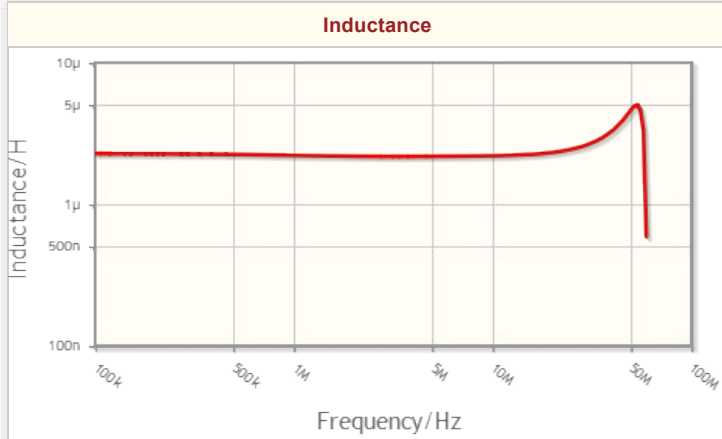




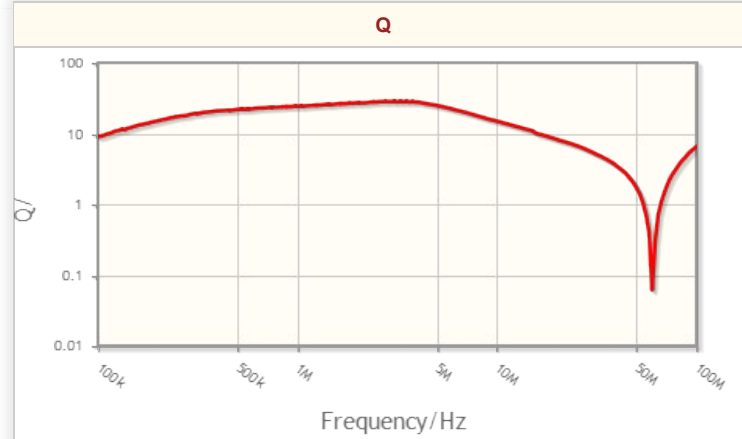
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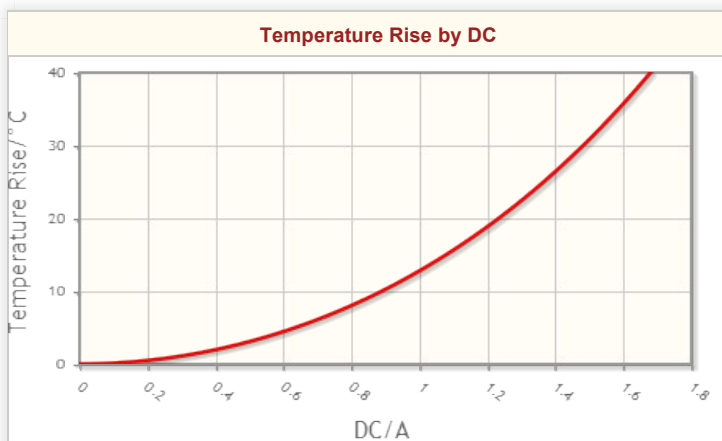
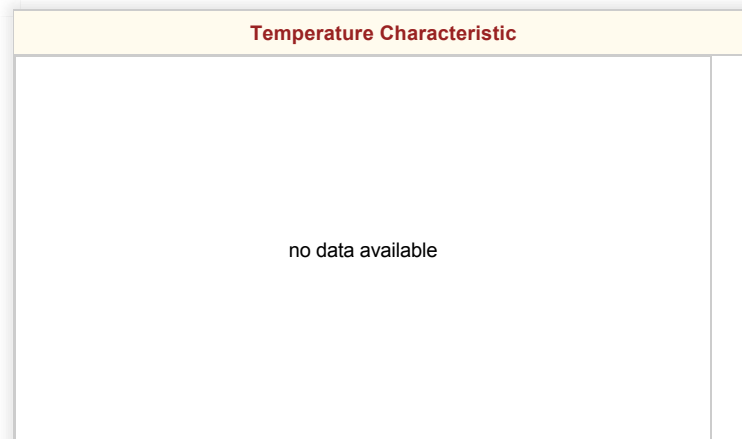
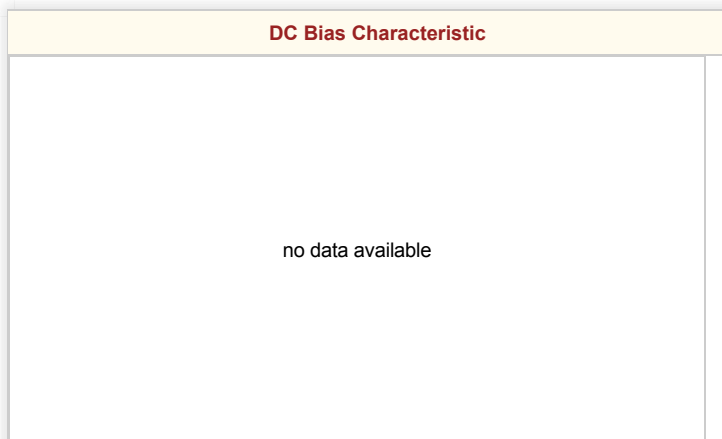
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MLP2520W2R2MT0S1(Amb. Tem  
p. = 20  $^{\circ}$ C)

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