

Inductors (Coils)

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MLP2520H1R0ST0S1



Applications Commercial Grade

Feature
Multilayer Multilayer
Shield Magnetic Shield
Ferrite Core Ferrite Core

Series MLP

Status Production (Not Recommended for New Design)
 Recommended Alternate Part No. : [MLP2520W1R0MT0S1](#)



Images are for reference only and show exemplary products.

PDF file of this page

Contact

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

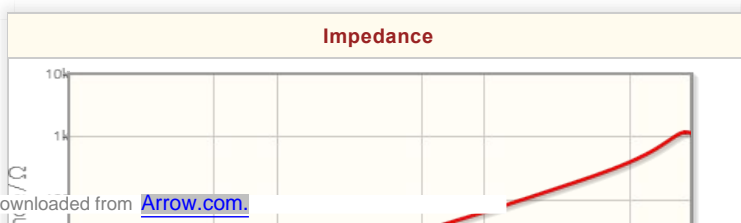
- Technical Support Tools**
- S-parameter
 - SPICE Netlist (Simple)
 - Equivalent Circuit Model

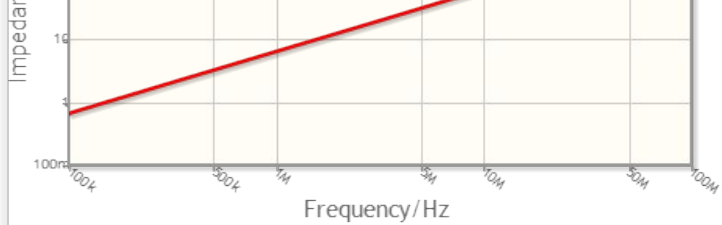
Size	
Length(L)	2.50mm ±0.15mm
Width(W)	2.00mm ±0.15mm
Thickness(T)	1.10mm ±0.10mm
Recommended Land Pattern (A)	0.70mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	1µH ±20% at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	1.6A (40°C Rise)
DC Resistance [Typ.]	70mΩ
DC Resistance [Max.]	91mΩ
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	0.025g

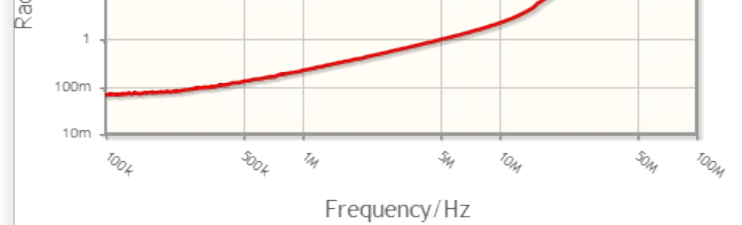
Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)





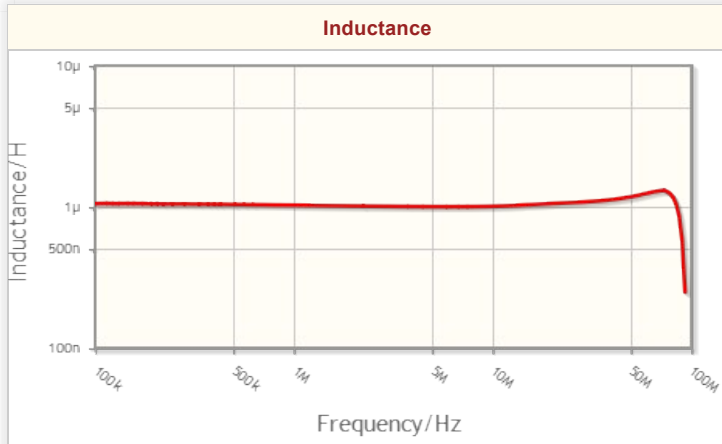
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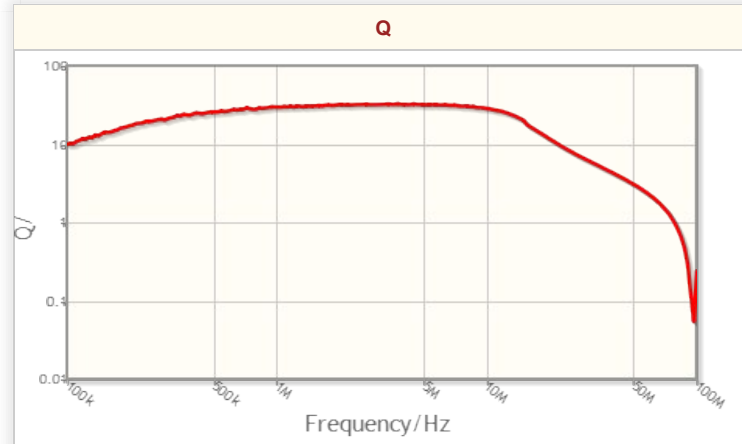
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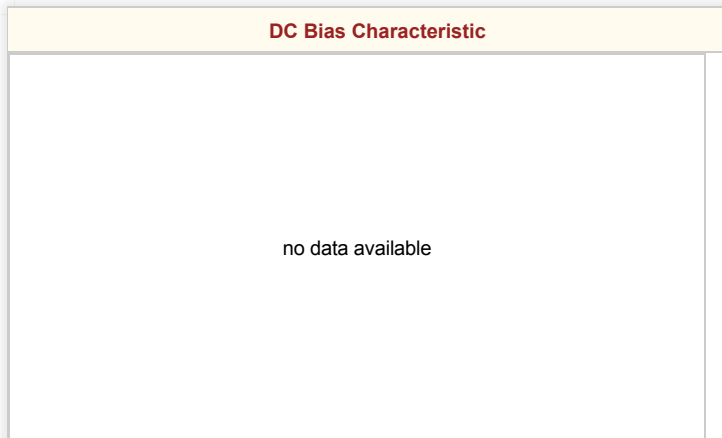
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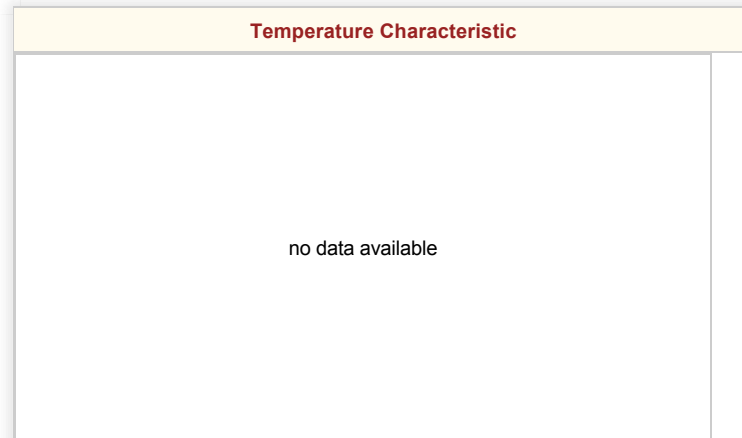


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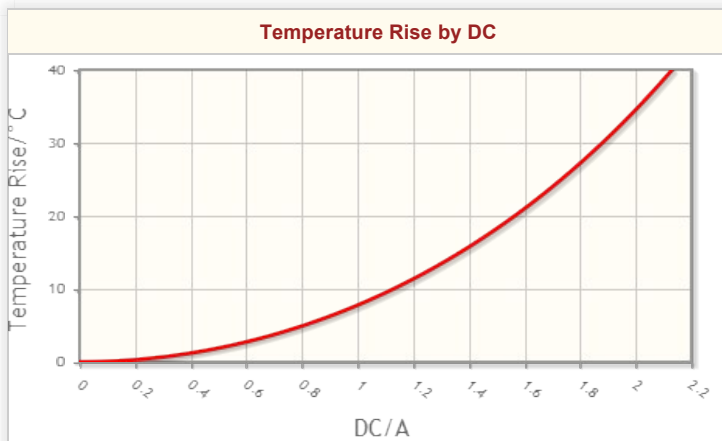
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MLP2520H1R0ST0S1(Amb. Temp. = 20 °C)

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