

MLP2520K1R0ST0S1

Applications

Commercial Grade

Feature

Multilayer

Shield

Magnetic Shield

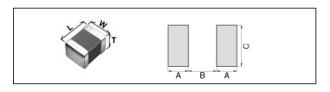
Ferrite Core

Series

MLP Series / MLP2520 Type

Status

Production (Recommended Alternate Part is available.)(Recommended Alternate Part Number:MLP2520W1R0MT0S1)











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	1uH +/-20% at 2MHz	
Rated Current (Temperature Rise) [Max.]	2.3A (40degC Rise)	
DC Resistance [Nom.]	48mΩ	
DC Resistance [Max.]	62.4mΩ	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	3000Pcs Min.
Weight	0.025g

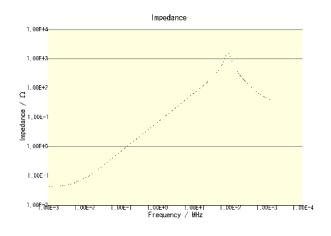
[•]This PDF document was created based on the data listed on the TDK Corporation website.

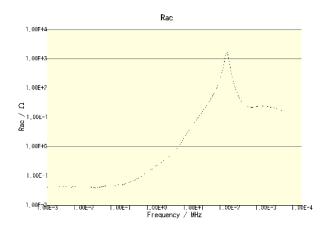
[•]All specifications are subject to change without notice.



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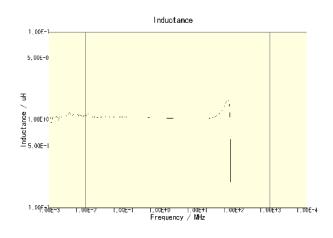
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

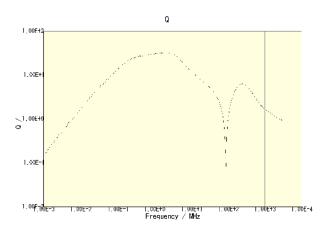




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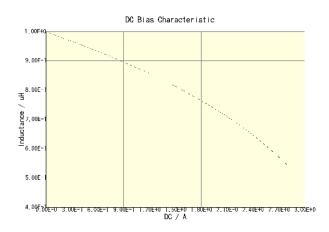
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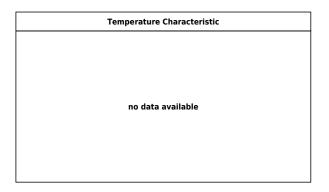
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MLP2520K1R0ST0S1(Amb. Temp. = 20degc)

Temperature Rise by DC	
no data available	

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