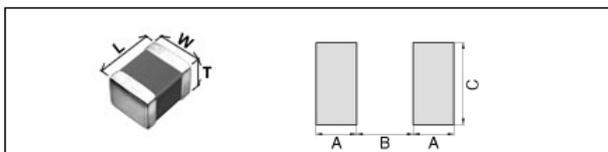


# MLP2012H2R2MT0S1

Applications		Commercial Grade
Feature		Multilayer
		Magnetic Shield
		Ferrite Core
Series	MLP Series / MLP2012 Type	
Status	Production	



Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.15mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

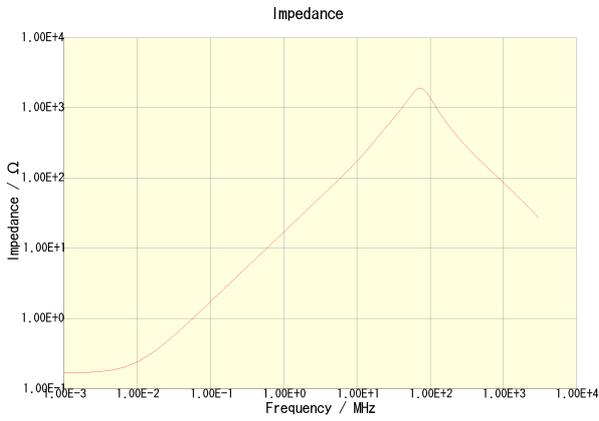
Electrical Characteristics	
Inductance	2.2uH +/-20% at 2MHz
Rated Current (Temperature Rise) [Max.]	1A (40degC Rise)
DC Resistance [Nom.]	150mΩ
DC Resistance [Max.]	195mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.01g

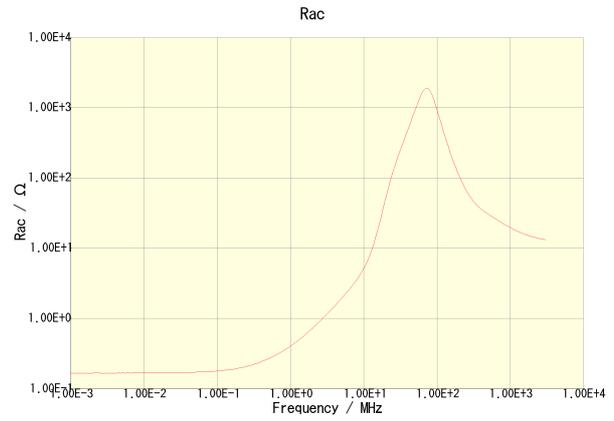
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

# MLP2012H2R2MT0S1

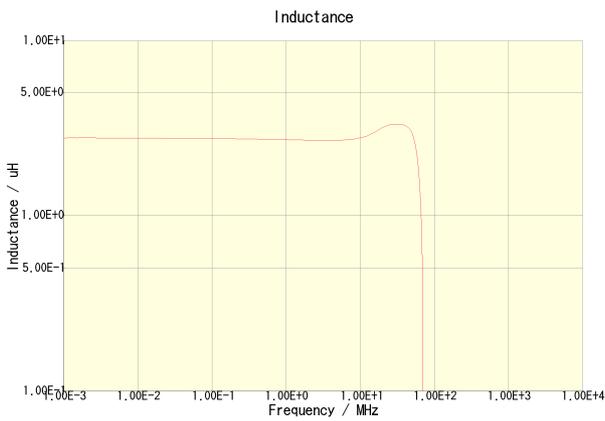
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



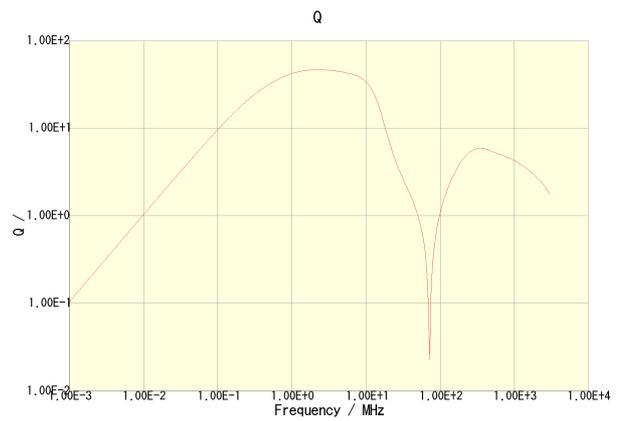
**MLP2012H2R2MT0S1**



**MLP2012H2R2MT0S1**



**MLP2012H2R2MT0S1**

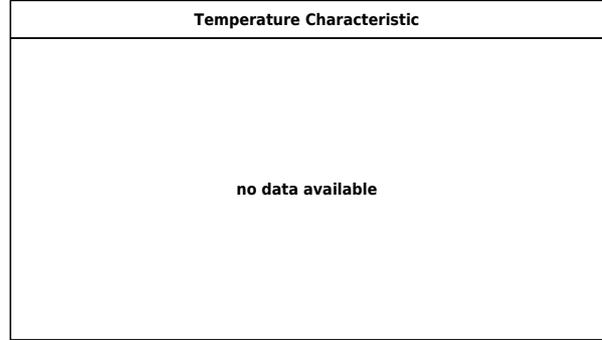
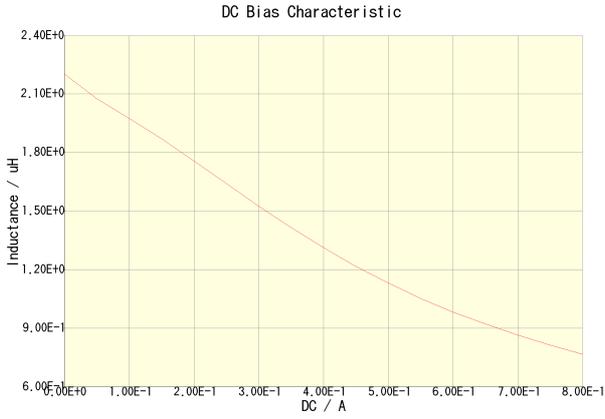


**MLP2012H2R2MT0S1**

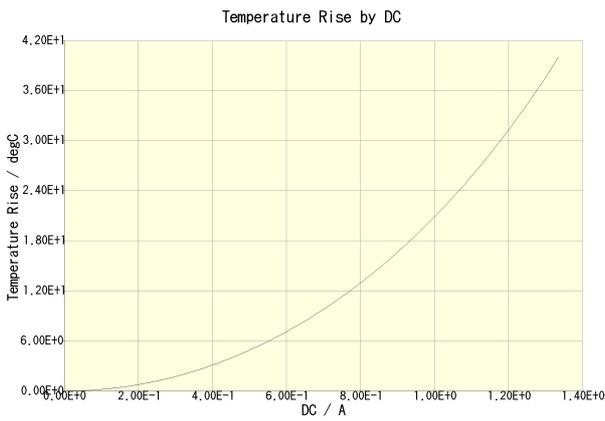
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# MLP2012H2R2MT0S1

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



**MLP2012H2R2MT0S1(Amb. Temp. = 20degc)**



**MLP2012H2R2MT0S1(Amb. Temp. = 20degc)**

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