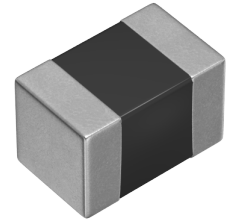


MLP2012V1R0TT0S1



Applications	Commercial Grade
Feature	No Directivity
	Multilayer
	Magnetic Shield
	Ferrite Core
Series Type	MLP
Status	Obsolete
	Recommended Alternate Part No. : MLP2012S1R0TT0S1 (Interchangeability is not guaranteed.)
	Discontinue Issue Date : Jun.3, 2020
	Last Purchase Order Date : Dec.31, 2021
	Last Shipment Date : Jun.30, 2022
Brand	TDK



Size	
Length(L)	2.00mm ±0.20mm
Width(W)	1.25mm ±0.20mm
Thickness Height	0.50mm ±0.05mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm 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.]	700mA (40°C Rise)
DC Resistance [Typ.]	260mΩ
DC Resistance [Max.]	338mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C

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! All specifications are subject to change without notice.

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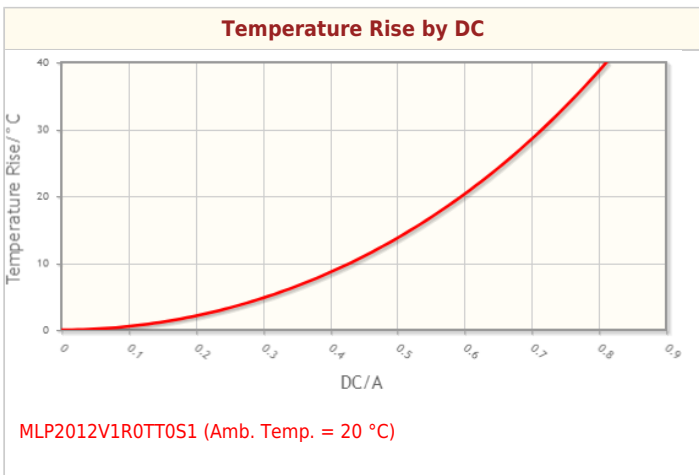
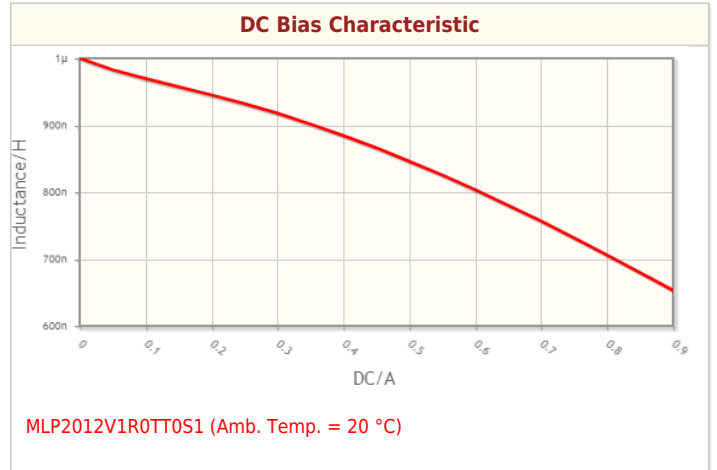
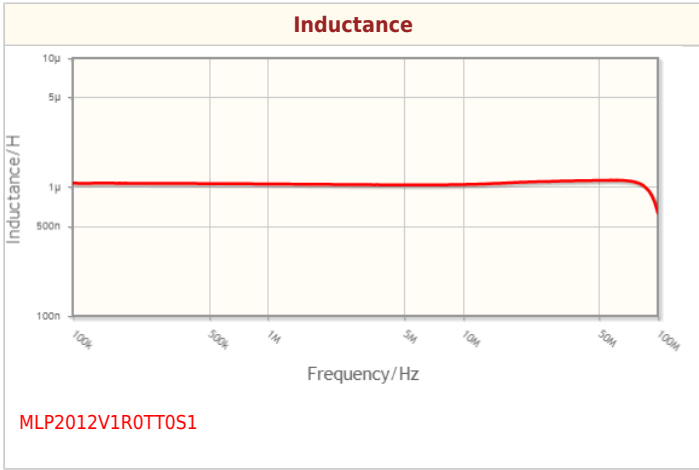
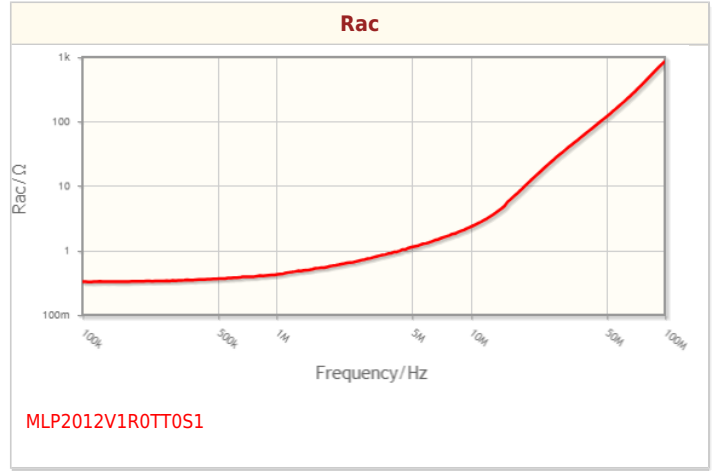
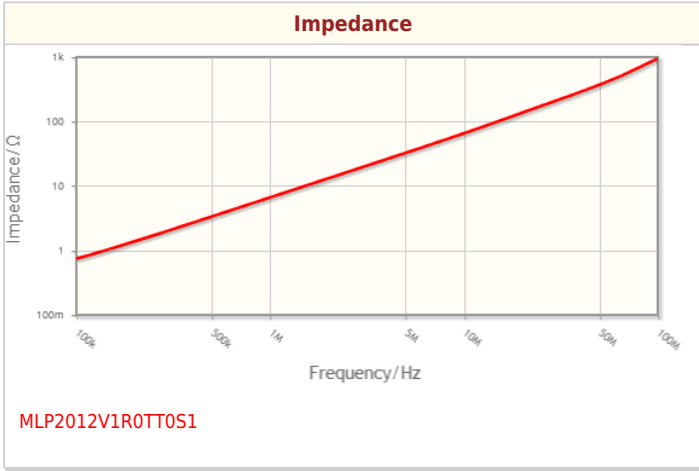


Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.007g

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

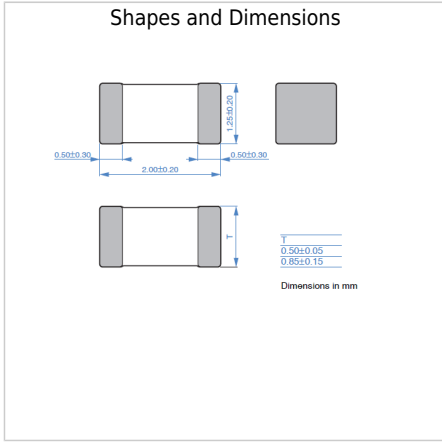


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Associated Images



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