

MLP2012SR82TT0S1

Product Status	Production
Applications	Commercial Grade
Feature	No Directivity
	Multilayer
	Shield
Ferrite Core	
Series Type	MLP
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free



Size	
Length(L)	2.00mm ± 0.20 mm
Width(W)	1.25mm ± 0.20 mm
Thickness Height	0.50mm ± 0.05 mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	820nH $\pm 20\%$ 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.]	130mΩ
DC Resistance [Max.]	169mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range	-40 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

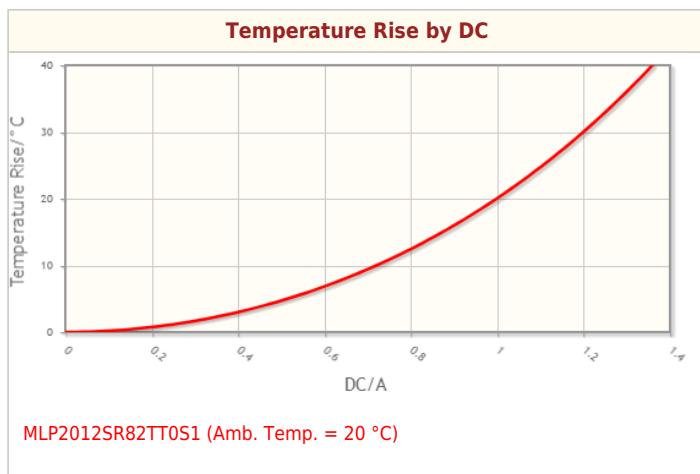
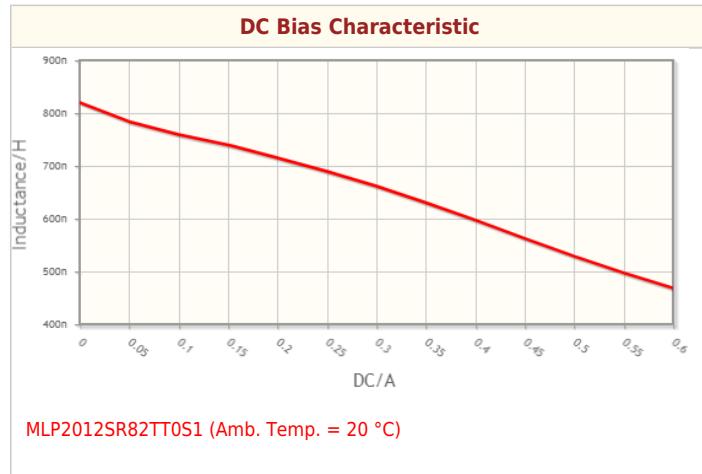
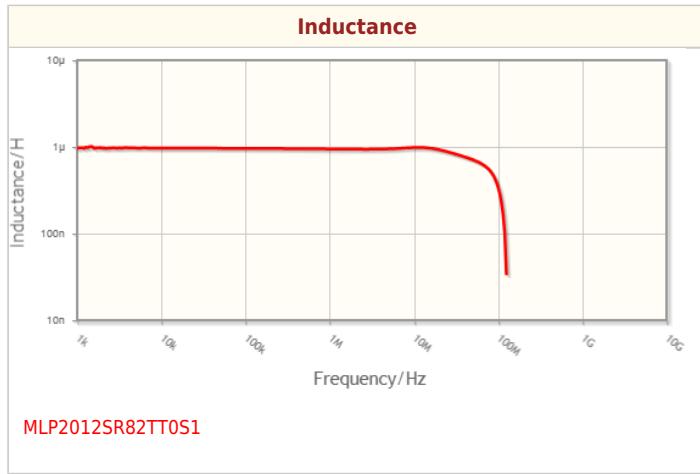
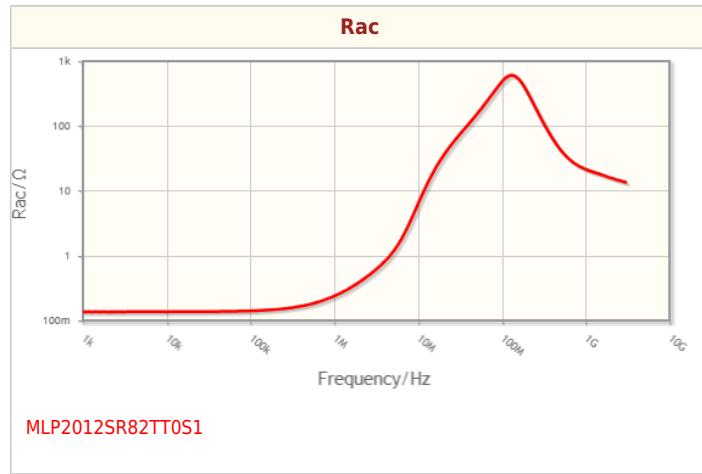
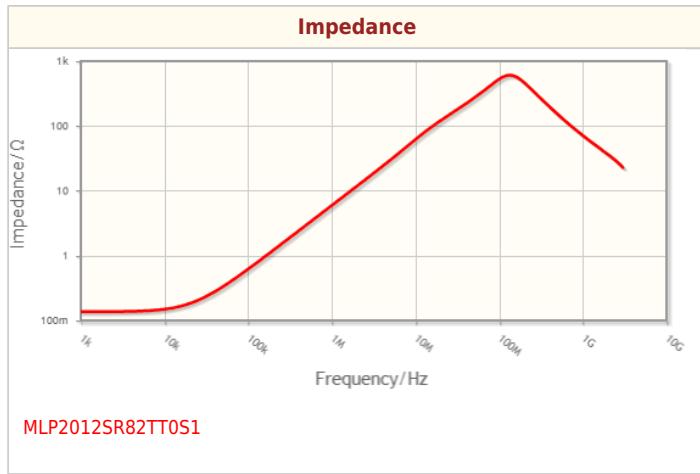
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Package Quantity	4000pcs
Weight	0.007g

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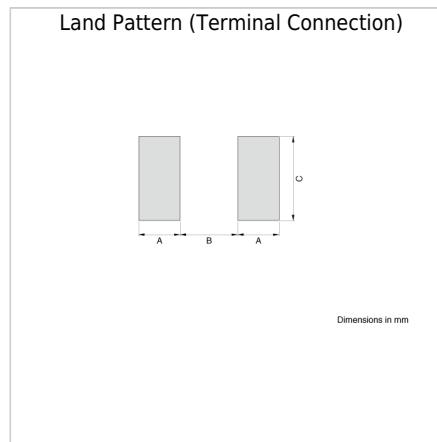
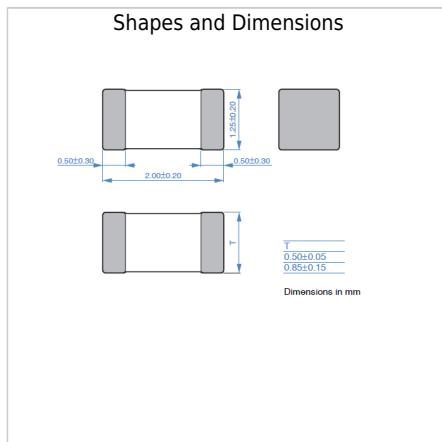
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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