

MLP2520HR47MT0S1

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)	2.50mm $\pm 0.15\text{mm}$
Width(W)	2.00mm $\pm 0.15\text{mm}$
Thickness Height	0.85mm $\pm 0.15\text{mm}$
Recommended Land Pattern (A)	0.70mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	470nH $\pm 20\%$ at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	2.1A (40°C Rise)
DC Resistance [Typ.]	44mΩ
DC Resistance [Max.]	57.2mΩ
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.

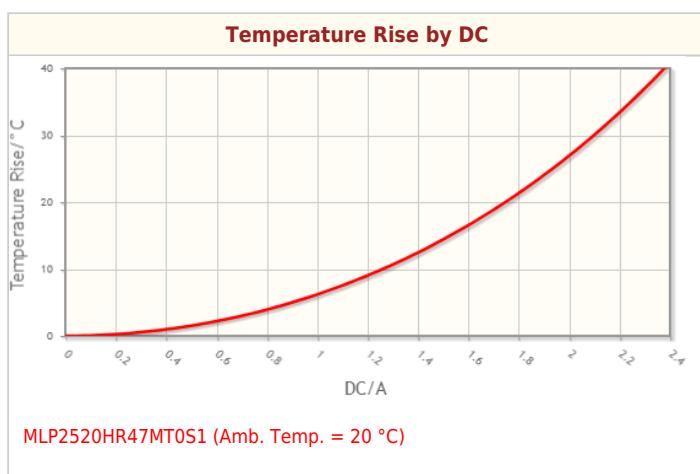
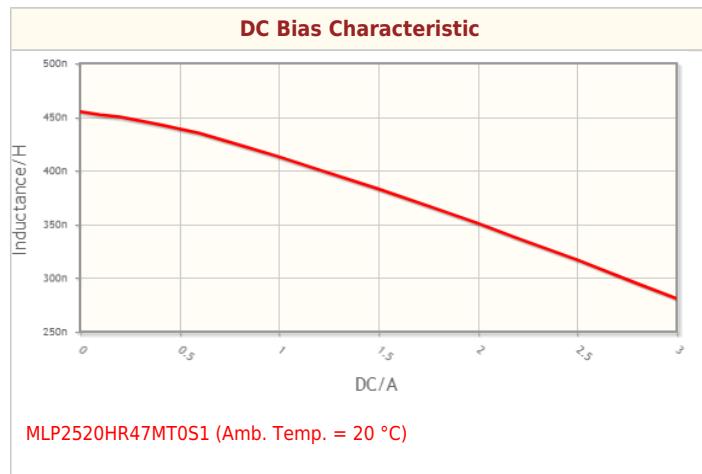
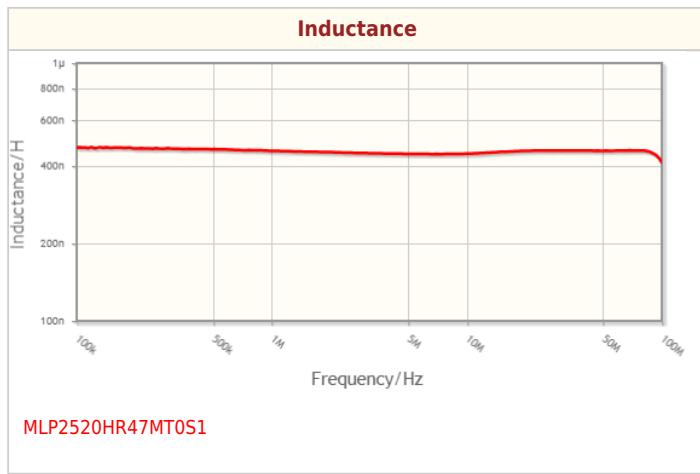
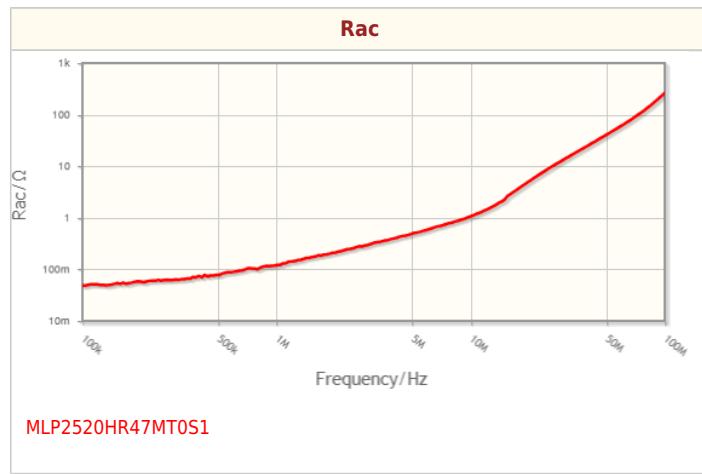
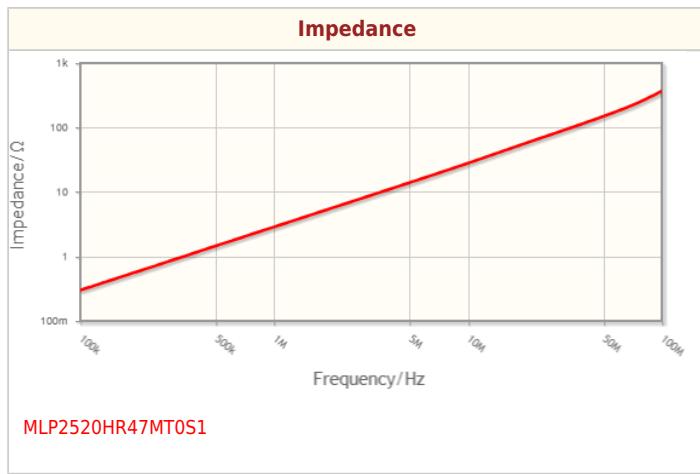
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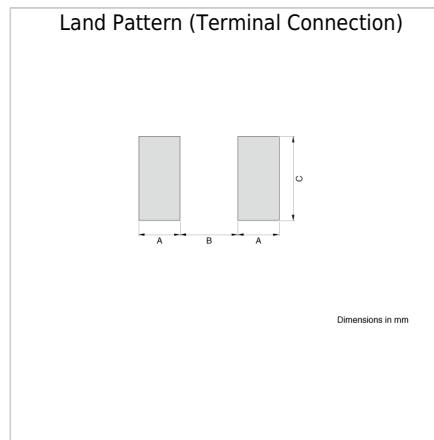
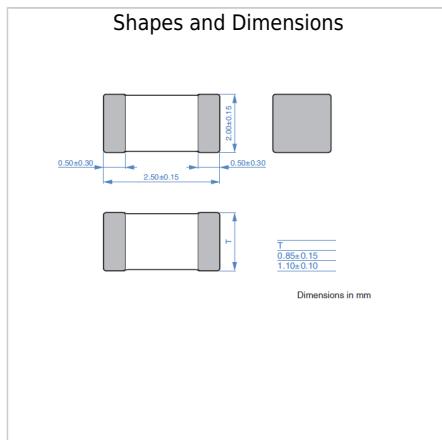
Package Quantity	3000pcs
Weight	0.015g

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



Associated Images



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