

MLP2016H4R7MT0S1



## Applications



Commercial Grade

## Feature

Multilayer

Multilayer

Ferrite Core

Ferrite Core

Shield

Magnetic Shield

## Series

MLP

## Status



Production



### Size

Length(L)	2.00mm +/-0.20mm
Width(W)	1.60mm +/-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)	1.60mm Nom.

### Electrical Characteristics

Inductance	4.7μH +/-20% at 2MHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	
Rated Current (Temperature Rise) [Typ.]	
Rated Current (Temperature Rise) [Max.]	1.1A (40°C Rise)
DC Resistance [Nom.]	160mΩ
DC Resistance [Max.]	200mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

### Other

Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow Iron Soldering
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	3000pcs
Weight	0.012g

! Images are for reference only and show exemplary products.

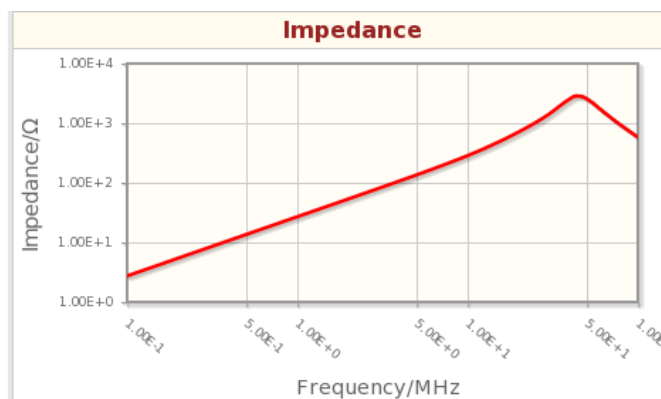
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

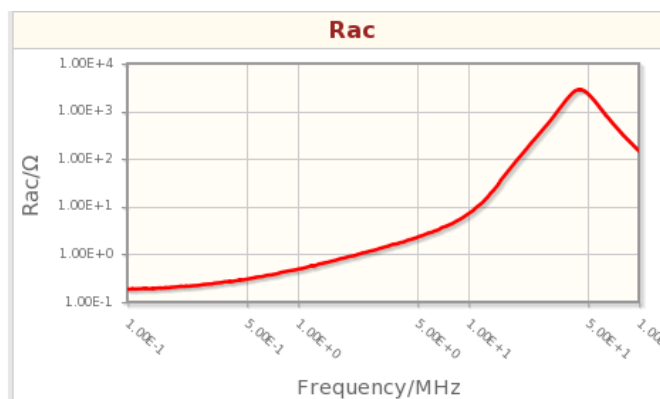
MLP2016H4R7MT0S1



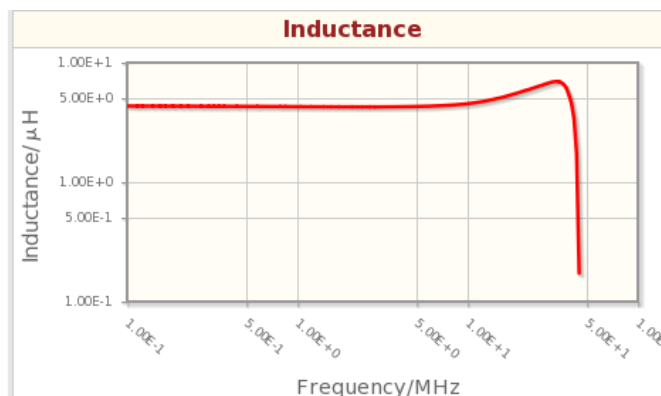
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



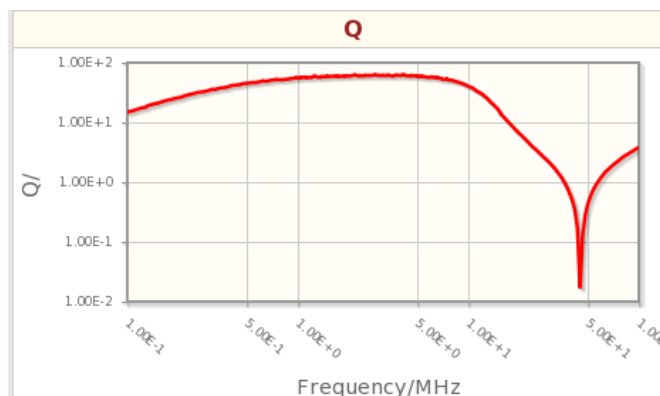
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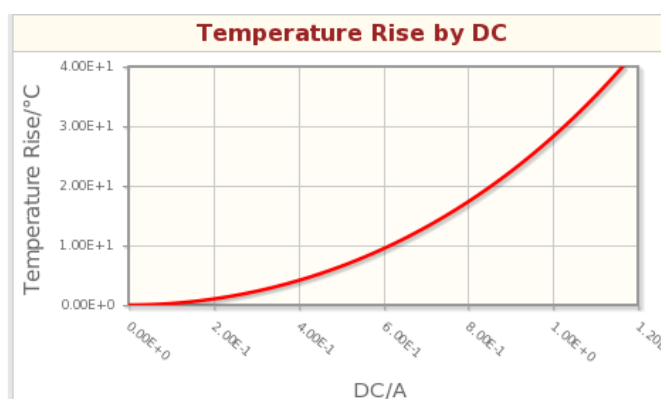
MLP2016H4R7MT0S1



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MLP2016H4R7MT0S1(Amb. Temp. = 20  $^{\circ}\text{C}$ )



## Associated Images

