

Inductors (Coils)

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MLP2520V2R2ST0S1

?

RoHS

REACH SVHC-Free

Halogen Free

Lead Free

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Applications	 Commercial Grade
Feature	Shield Magnetic Shield Multilayer Multilayer Ferrite Core Ferrite Core
Series Type	MLP
Status	 Production
Brand	TDK

Images are for reference only
and show exemplary products.

Size	
Length(L)	2.50mm ±0.15mm
Width(W)	2.00mm ±0.15mm
Thickness Height	1.10mm ±0.10mm
Recommended Land Pattern (A)	0.70mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	2.2μH ±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 [Typ.]	120mΩ
DC Resistance [Max.]	156mΩ
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	0.025g

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



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