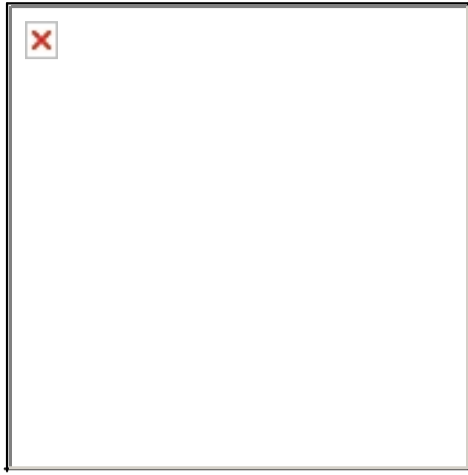


**Product Name**    **Multilayer Inductor for Power Line**  
**Series**            **MLP Series**  
**Type**                **2520 Type**  
**Model**              **t=1.2mm**  
**Part Number**      **MLP2520P4R7ST0S1**

Product Lifecycle Stage PROD



**Specification**

Mounting Method Flag	Yes		
Processing	multilayer type		
Shape	SMD		
Size Code	2520		
Body Length(L)	Nom	2.5	mm
Body Breadth(W)	Nom	2	mm
Body Height(T)	Max	1.2	mm
Rated Inductance	Nom	4.7	micro H
Inductance Tolerance (%)	Min	-20	%
	Max	20	%
Test Frequency of Inductance	Nom	2	M Hz
DC Resistance	Nom	0.18	Ohm
DC Resistance Tolerance	Min	-30	%
	Max	30	%
Rated Current	Max	800	mA
Terminal Material	Ag(100%)/Sn plating		
Polarity Marking	No		
Magnetic Shielding	Yes		
Soldering Method	Reflow,Iron Soldering		
Measuring Equipment(Inductance)	Agilent 4294A or equivalent + 16034G		
Measuring Equipment(DC Resistance)	YOKOGAWA TYPE7561 or equivalent		
Category Temperature Range (Including Selftemperature Rise)	Min	-40	Cel
	Max	125	Cel
Storage Temperature Range	Min	-40	Cel
	Max	85	Cel
Weight	Nom	0.025	g

**Summary/Applications/Features**

**Summary**    SMD products have excellent mounting strength.  
**Applications**    Cellular phones, DSCs, DVCs, HDDs, etc.  
**Features**        SMD products have excellent mounting strength.  
                          The products contain no lead and also support lead-free soldering.  
                          It is a product conforming to RoHS directive.

**Packaging**

Packing	Blister (Plastic)Taping [180mm Reel]		
Minimum Package Qty	Nom	3000	Pcs
Minimum Order Qty	Nom	3000	Pcs



**[ Caution ]**

Specifications which provide more details for the proper and safe use of the described product are available upon request.

**[ Notice of Revision and Improve ]**

All specifications are subject to change without notice.