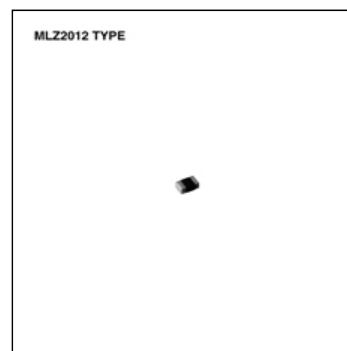




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Product Name **Multilayer Inductor for Power Line**
Series **MLZ Series**
Type **2012 Type**
Model **t=0.85mm**
Part Number **MLZ2012E4R7PT000**

Product Lifecycle Stage PROD
Release Date 2002/02/01



Specification

Mounting Method Flag	Yes	
Processing	MULTI-LAYER	
Shape	SMD	
Size Code	2012	
Body Length(L)	Nom	2 m m
Body Breadth(W)	Nom	1.25 m m
Body Height(T)	Nom	0.85 m m
Rated Inductance	Nom	4.7 micro H
Inductance Tolerance (%)	Min	-25 %
	Max	25 %
Test Frequency of Inductance	Nom	2 M Hz
Self Resonant Frequency	Typ	70 M Hz
DC Resistance	Max	0.3 Ohm
DC Resistance	Nom	0.3 Ohm
DC Resistance Tolerance	Min	-30 %
	Max	30 %
Rated Current	Max	80 m A
IDC1 (Inductance Change)	Max	80 m A
Terminal Material	Ag(100%)/Sn plating	
Polarity Marking	No	
Magnetic Shielding	Yes	
Soldering Method	Flow,Reflow,Iron Soldering	
Measuring Equipment(L, Q, Rdc)	LQ:4294A,RDC:7561	
Category Temperature Range	Min	-55 Cel
	Max	125 Cel
Storage Temperature Range	Min	-55 Cel
	Max	125 Cel
Weight	Nom	0.01 g

Summary/Applications/Feature

Summary DC resistance is low loss capability design.
This product is a multilayer inductor and used for choke coil on power supply circuit.

Applications DVC,DSC,LCD Panel

Feature DC resistance is low loss capability design.
This product is used for choke coil on power supply circuit.

Packaging

Packing	Punched (Paper)Taping [180mm Reel]	
Minimum Package Qty	Nom	4000 Pcs
Minimum Order Qty	Nom	4000 Pcs

[Details](#)

⚠ [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.

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