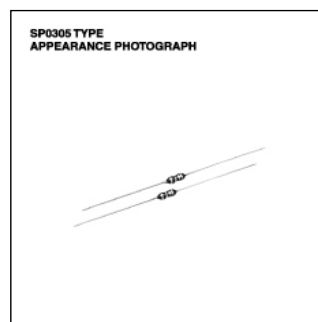



[PAGE BACK](#) [CLOSE](#)

**Product Name** Wire Wound Inductor for Signal  
**Line**  
**Series** SP Series  
**Type** 0305 Type  
**Part Number** SPT0305A-120J-PF

Product Lifecycle Stage PROD  
 Release Date 2003/06/01



#### Specification

Mounting Method Flag	No	
Processing	WINDING	
Shape	Axial-Lead	
Body Length(L)	Nom	6.5 m m
Outside Diameter	Nom	3 m m
Rated Inductance	Nom	12 micro H
Inductance Tolerance (%)	Min	-5 %
	Max	5 %
Test Frequency of Inductance	Nom	2.52 M Hz
Q	Min	45
Test Frequency of Q	Nom	2.52 M Hz
Self Resonant Frequency	Min	16 M Hz
DC Resistance	Max	0.8 Ohm
Rated Current	Max	350 m A
Temperature Rise	Max	20 Cel
Terminal Material	Sn-Cu plating	
Polarity Marking	No	
Magnetic Shielding	No	
Soldering Method	Flow,Iron Soldering	
Measuring Equipment(L, Q, Rdc)	4194A or equivalent	
Category Temperature Range	Min	-20 Cel
	Max	80 Cel
Storage Temperature Range	Min	-40 Cel
	Max	80 Cel
Weight	Nom	0.18 g

#### Summary/Applications/Feature

**Summary** The SP series are axial lead type wire wound inductors.

**Applications** Television sets, VCRs, personal computers, and other electronic equipment.

**Feature** These are coaxial horizontal types,highly miniaturized and lightweight.  
Epoxy resin construction assures high reliability.

#### Packaging

<b>Packing</b>	Axial Taping Ammo Pack (Inside tape spacing:52mm)	
Minumum Package Qty	Nom	2000 Pcs
Minimum Order Qty	Nom	2000 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.

[PAGE TOP](#)

Copyright(c) 1996-2008 All rights reserved.