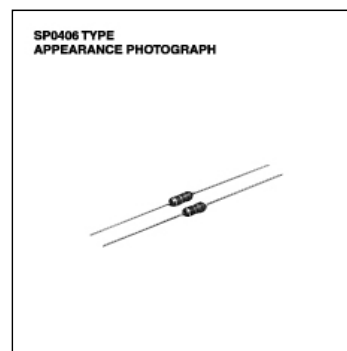




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**Product Name** Wire Wound Inductor for Signal Line  
**Series** SP Series  
**Type** 0406 Type  
**Part Number** SPT0406A-120J-PF

Product Lifecycle Stage PROD  
 Release Date 2003/06/01



#### Specification

Mounting Method Flag	No	
Processing	WINDING	
Shape	Axial-Lead	
Body Length(L)	Nom	9.5 m m
Body Breadth(W)	Nom	4.2 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	75
Test Frequency of Q	Nom	2.52 M Hz
Self Resonant Frequency	Min	25 M Hz
DC Resistance	Max	0.63 Ohm
Rated Current	Max	480 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)	L:4194A , Q:4194A , Rdc:VP2941A or equivalent	
Category Temperature Range	Min	-20 Cel
	Max	80 Cel
Storage Temperature Range	Min	-40 Cel
	Max	80 Cel
Weight	Nom	0.4 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

**Packing** Axial Taping Ammo Pack (Inside tape spacing:52mm)

Minimum Package Qty	Nom	1000 Pcs
Minimum Order Qty	Nom	1000 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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