

The ITF SMD Filter is based on thin-film multilayer technology. The technology provides a miniature part with excellent high frequency performance and rugged construction for reliable automatic assembly.

The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES

- Small size: 1206
- Frequency: 700MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating/Storage temp: -40°C +85°C
- · Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

- Mobile communications
- Satellite TV receivers
- GPS
- · Vehicle location systems
- Wireless LAN's

FINAL QUALITY INSPECTION

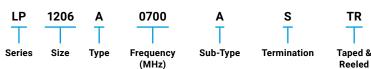
Finished parts are 100% tested for electrical parameters and visual/ mechanical characteristics. Each production lot is evaluated on a sample basis for:

- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance : 125°C, IR, 4 hours

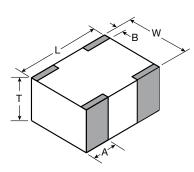
TERMINATION

Nickel/ Lead freeSolder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

HOW TO ORDER



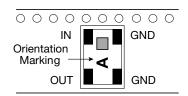
DIMENSIONS (TOP VIEW)



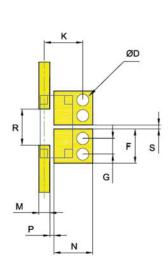
L 3.08±0.1 (0.121±0.004) W 1.60±0.1 (0.063±0.004)

w	1.60±0.1 (0.063±0.004)
т	0.87±0.1 (0.034±0.004)
Α	0.61±0.25 (0.028±0.010)
В	0.35±0.15 (0.014±0.006)
	(0.014±0.000)

TERMINAL AND LAYOUT (TOP VIEW)



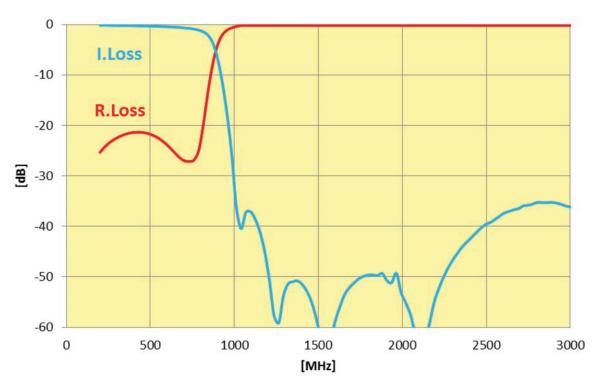
RECOMMENDED PAD LAYOUT



mm (inches)		
F	1.70±0.05 (0.067±0.002)	
G	0.78±0.05 (0.031±0.002)	
к	1.91±0.10 (0.075±0.004)	
М	0.54±0.025 (0.021±0.001)	
N	1.93±0.05 (0.076±0.002)	
Р	0.21±0.04 (0.008±0.002)	
R	1.80±0.04 (0.071±0.002)	
s	0.20±0.04 (0.008±0.002)	
D	0.60±0.10 (0.024±0.004)	



P/N	I.Loss @ 700MHz	R.Loss @ 700MHz	Attenuation
LP1206A0700ASTR	0.8dB max.	-20dB	-20dB at 980MHz -45dB at 1400MHz -45dB at 2100MHz -30dB at 2800MHz







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The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES

- Small size: 1206
- Frequency: 860MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating/Storage temp: -40°C +85°C
- · Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

- Mobile communications
- Satellite TV receivers
- GPS
- · Vehicle location systems
- Wireless LAN's

FINAL QUALITY INSPECTION

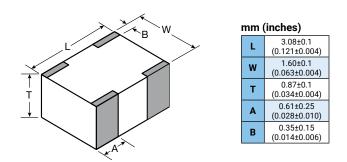
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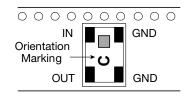
TERMINATION

Nickel/ Lead freeSolder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

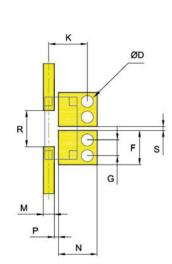
DIMENSIONS (TOP VIEW)

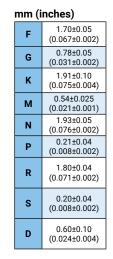


TERMINAL AND LAYOUT (TOP VIEW)

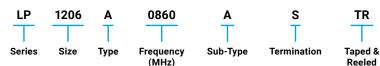


RECOMMENDED PAD LAYOUT



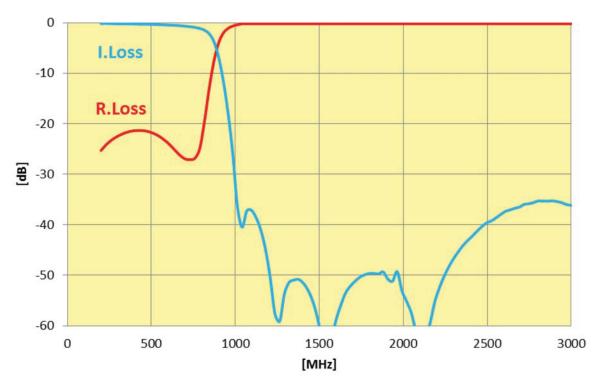


HOW TO ORDER





P/N	I.Loss @ 860MHz	R.Loss @ 860MHz	Attenuation
LP1206A0860ASTR	0.85dB max.	-18dB	-25dB at 1204MHz -45dB at 1720MHz -45dB at 2580MHz -30dB at 3440MHz







1.70±0.05

0.78±0.05

1.91±0.10

0.54±0.025

1.93±0.05

0.21±0.04

1.80±0.04

0.20±0.04

0.6±0.1

ITF TECHNOLOGY

The ITF SMD Filter is based on thin-film multilayer technology. The technology provides a miniature part with excellent high frequency performance and rugged construction for reliable automatic assembly.

The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES:

- Small size: 1206
- Frequency: 1000MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C ÷ +85°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS:

- Mobile communications
- Satellite TV receivers
- GPS
- Vehicle location systems
- · Wireless LAN's

FINAL QUALITY INSPECTION:

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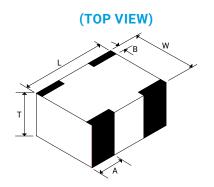
TERMINATION:

Nickel/ Lead-Free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

PART NUMBER CODE: LP 1206 A XXXX ASTR

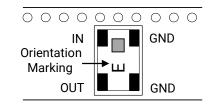
_P 1206 A XXXX ASTR Frequency (MHz)

DIMENSIONS

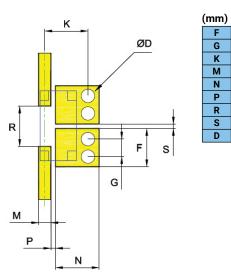


l	mm (inches)		
		3.08±0.1	
	L	(0.121±0.004)	
	w	1.60±0.1	
	vv	(0.063±0.004)	
	т	0.87±0.1	
		(0.034±0.004)	
	Δ	0.61±0.25	
	A	(0.028±0.010)	
	в	0.35±0.15	
		(0.014±0.006)	

TERMINALS (TOP VIEW)

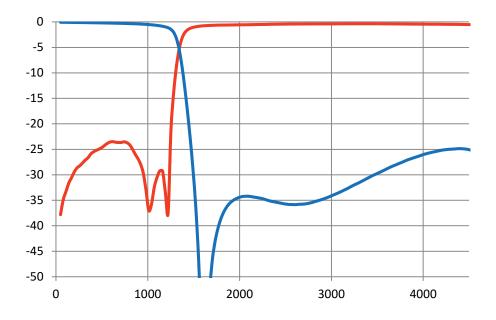


RECOMMENDED PAD LAYOUT





P/N	I.Loss	R.Loss	ATTENUATION
	@ 1000MHz	@ 1000MHz	[min.]
LP1206A1000ASTR	0.7dB max.	-15dB	-30dB at 1500-2000MHz -25dB at 2000-3000MHz -25dB at 3000-4000MHz







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FEATURES:

- Small size: 1206
- Frequency: 1500MHz
- · Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C ÷ +85°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS:

- Mobile communications
- Satellite TV receivers
- GPS
- · Vehicle location systems
- Wireless LAN's

FINAL QUALITY INSPECTION:

Finished parts are 100% tested for electrical parameters and visual/ mechanical characteristics. Each production lot is evaluated on a sample basis for:

- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance : 125°C, IR, 4 hours

TERMINATION:

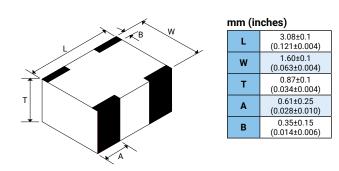
Nickel/ Lead-Free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

PART NUMBER CODE:

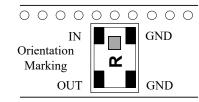
LP 1206 A XXXX ASTR Frequency (MHz)

DIMENSIONS

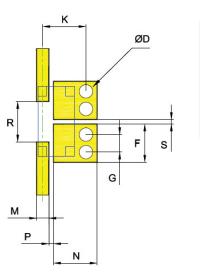
(TOP VIEW)

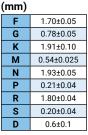


TERMINALS (TOP VIEW)



RECOMMENDED PAD LAYOUT

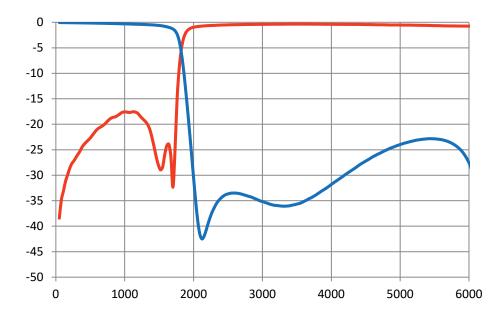








P/N	I.Loss	R.Loss	ATTENUATION
	@ 1500MHz	@ 1500MHz	[min.]
LP1206A1500ASTR	0.8dB max.	-15dB	-30dB at 2000-3000MHz -25dB at 3000-4000MHz -20dB at 4500-6000MHz







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FEATURES:

- Small size: 1206
- Frequency: 2000MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C ÷ +85°C
- · Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS:

- Mobile communications
- Satellite TV receivers
- GPS
- Vehicle location systems
- · Wireless LAN's

FINAL QUALITY INSPECTION:

Finished parts are 100% tested for electrical parameters and visual/ mechanical characteristics. Each production lot is evaluated on a sample basis for:

- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance : 125°C, IR, 4 hours

TERMINATION:

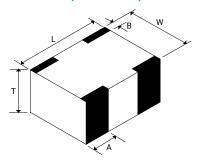
Nickel/ Lead-Free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

PART NUMBER CODE:

LP 1206 A XXXX ASTR Frequency (MHz)

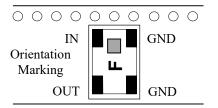
DIMENSIONS

(TOP VIEW)

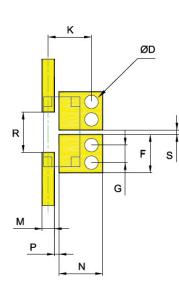


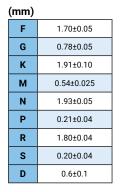
mm (in	mm (inches)		
L	3.08±0.1 (0.121±0.004)		
w	1.60±0.1 (0.063±0.004)		
т	0.87±0.1 (0.034±0.004)		
Α	0.61±0.25 (0.028±0.010)		
В	0.35±0.15 (0.014±0.006)		

TERMINALS (TOP VIEW)



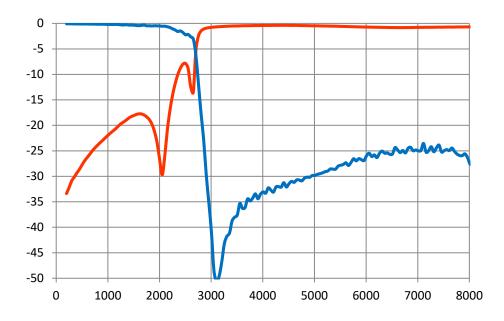
RECOMMENDED PAD LAYOUT







P/N	I.Loss	R.Loss	ATTENUATION
	@ 2000MHz	@ 2000MHz	[min.]
LP1206A2000ASTR	0.7dB max.	-15dB	-27dB at 3000-4000MHz -25dB at 4000-6000MHz -20dB at 6000-8000MHz







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The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES:

- Small size: 1206
- Frequency: 2500MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C ÷ +85°C
- · Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS:

- Mobile communications
- Satellite TV receivers
- GPS
- Vehicle location systems
- Wireless LAN's

FINAL QUALITY INSPECTION:

Finished parts are 100% tested for electrical parameters and visual/ mechanical characteristics. Each production lot is evaluated on a sample basis for:

- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance : 125°C, IR, 4 hours

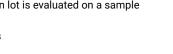
PART NUMBER CODE: LP 1206 A XXXX ASTR

Frequency

(MHz)

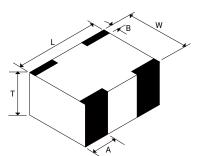
TERMINATION:

Nickel/ Lead-Free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.



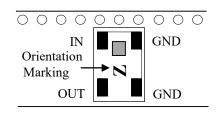
DIMENSIONS

(TOP VIEW)

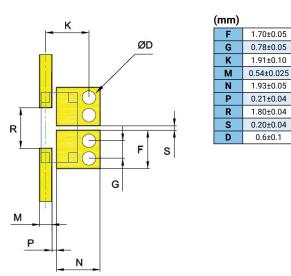


mm (inches)		
L	3.08±0.1 (0.121±0.004)	
w	1.60±0.1 (0.063±0.004)	
т	0.87±0.1 (0.034±0.004)	
Α	0.61±0.25 (0.028±0.010)	
В	0.35±0.15 (0.014±0.006)	

TERMINALS AND LAYOUT (TOP VIEW)



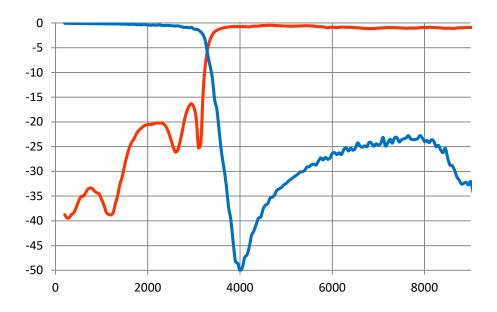
RECOMMENDED PAD LAYOUT







P/N	I.Loss	R.Loss	ATTENUATION
	@ 2500MHz	@ 2500MHz	[min.]
LP1206A2500ASTR	0.7dB max.	-15dB	-25dB at 4000-5000MHz -22dB at 5000-7500MHz -15dB at 7500-8500MHz







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The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES

- Small size: 1206
- Frequency: 3.2GHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating/Storage temp: -40°C +85°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

- Mobile communications
- Satellite TV receivers
- GPS
- · Vehicle location systems
- Wireless LAN's

FINAL QUALITY INSPECTION

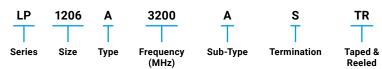
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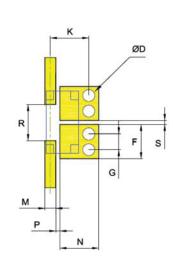
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- Endurance : 125°C, IR, 4 hours

TERMINATION

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HOW TO ORDER



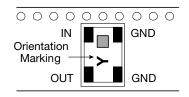


mm (inches)		
L	3.08±0.1 (0.121±0.004)	
w	1.60±0.1 (0.063±0.004)	
т	0.87±0.1 (0.034±0.004)	
Α	0.61±0.25 (0.028±0.010)	
В	0.35±0.15 (0.014±0.006)	

TERMINAL AND LAYOUT (TOP VIEW)

В

DIMENSIONS (TOP VIEW)



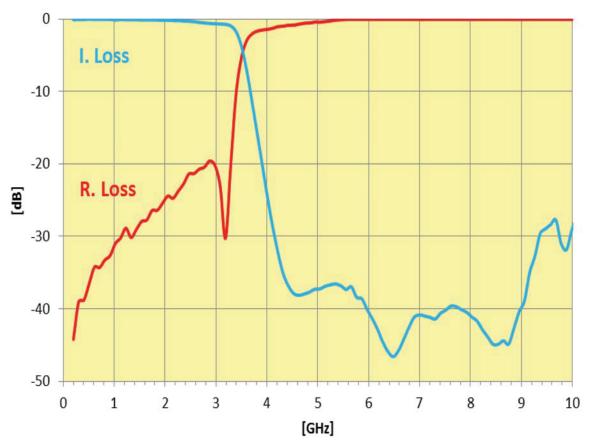
RECOMMENDED PAD LAYOUT

mm (i	mm (inches)		
F	1.70±0.05 (0.067±0.002)		
G	0.78±0.05 (0.031±0.002)		
к	1.91±0.10 (0.075±0.004)		
м	0.54±0.025 (0.021±0.001)		
N	1.93±0.05 (0.076±0.002)		
Р	0.21±0.04 (0.008±0.002)		
R	1.80±0.04 (0.071±0.002)		
S	0.20±0.04 (0.008±0.002)		
D	0.60±0.10 (0.024±0.004)		





P/N	I.Loss @ 3.2GHz	R.Loss @ 3.2GHz	Attenuation
LP1206A3200ASTR	0.85dB max.	-20dB	-30dB at 4.48GHz -40dB at 6.4GHz -25dB at 9.6GHz -25dB at 10GHz







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The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES

- Small size: 1206
- Frequency: 3.5GHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating/Storage temp: -40°C +85°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

- Mobile communications
- Satellite TV receivers
- GPS
- · Vehicle location systems
- Wireless LAN's

FINAL QUALITY INSPECTION

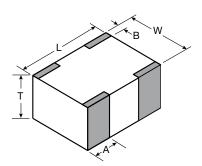
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TERMINATION

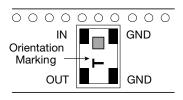
Nickel/ Lead freeSolder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

DIMENSIONS (TOP VIEW)

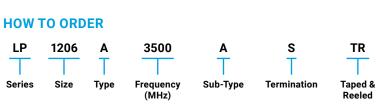


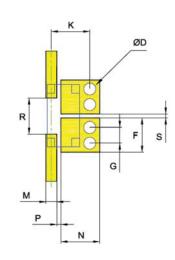
mm (inches)			
L	3.08±0.1 (0.121±0.004)		
w	1.60±0.1 (0.063±0.004)		
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A	0.61±0.25 (0.028±0.010)		
В	0.35±0.15 (0.014±0.006)		

TERMINAL AND LAYOUT (TOP VIEW)



RECOMMENDED PAD LAYOUT

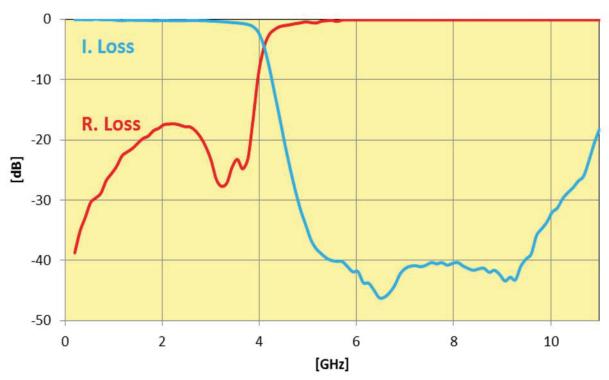




mm (inches)		
F	1.70±0.05 (0.067±0.002)	
	· · ·	
G	0.78±0.05	
	(0.031±0.002)	
к	1.91±0.10	
Ň	(0.075±0.004)	
м	0.54±0.025	
	(0.021±0.001)	
N	1.93±0.05	
	(0.076±0.002)	
Р	0.21±0.04	
F	(0.008±0.002)	
R	1.80±0.04	
ĸ	(0.071±0.002)	
s	0.20±0.04	
3	(0.008±0.002)	
D	0.60±0.10	
	(0.024±0.004)	



P/N	I.Loss @ 3.5GHz	R.Loss @ 3.5GHz	Attenuation
LP1206A3500ASTR	0.7dB max.	-18dB	-30dB at 4.9GHz -40dB at 7GHz -25dB at 10.5GHz -15dB at 11GHz







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FEATURES

- Small size: 1206
- Frequency: 3.6GHz •
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating/Storage temp: -40°C +85°C •
- Low profile
- Rugged construction •
- Taped and reeled
- Power handling: 8W

APPLICATIONS

- Mobile communications
- Satellite TV receivers •
- GPS
- Vehicle location systems
- Wireless LAN's

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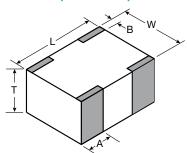
- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance : 125°C, IR, 4 hours

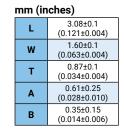
TERMINATION

Nickel/ Lead freeSolder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

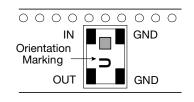
DIMENSIONS

(TOP VIEW)

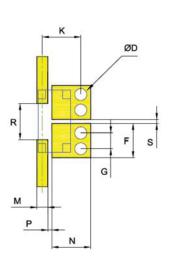




TERMINAL AND LAYOUT (TOP VIEW)



RECOMMENDED PAD LAYOUT



mm (inches)		
F	1.70±0.05	
Г	(0.067±0.002)	
G	0.78±0.05	
G	(0.031±0.002)	
к	1.91±0.10	
n.	(0.075±0.004)	
м	0.54±0.025	
	(0.021±0.001)	
N	1.93±0.05	
IN	(0.076±0.002)	
Р	0.21±0.04	
F	(0.008±0.002)	
R	1.80±0.04	
R	(0.071±0.002)	
s	0.20±0.04	
3	(0.008±0.002)	
D	0.60±0.10	
J	(0.024±0.004)	

HOW TO ORDER







Α

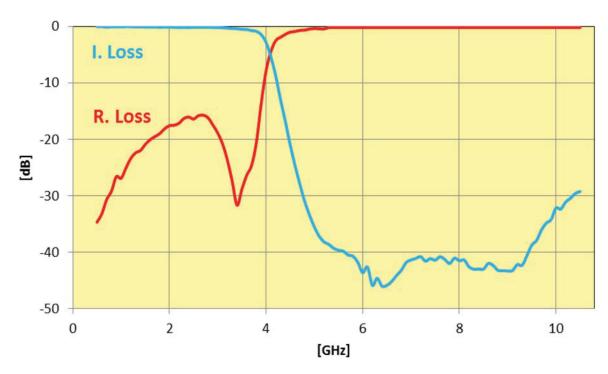
Taped & Reeled

TR





P/N	I.Loss @ 3.6GHz	R.Loss @ 3.6GHz	Attenuation
LP1206A3600ASTR	0.7dB max.	-25dB	-30dB at 5.04GHz -35dB at 7.2GHz -25dB at 10.8GHz









The ITF SMD Filter is based on thin-film multilayer technology. The technology provides a miniature part with excellent high frequency performance and rugged construction for reliable automatic assembly.

The ITF Filter is offered in a variety of frequency bands compatible with various types of high frequency wireless systems.

FEATURES

- Small size: 1206
- Frequency: 3.8GHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating/Storage temp: -40°C +85°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

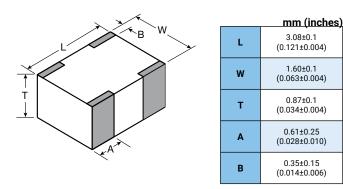
APPLICATIONS

- · Mobile communications
- Satellite TV receivers
- GPS
- · Vehicle location systems
- Wireless LAN's

HOW TO ORDER



DIMENSIONS (TOP VIEW)



FINAL QUALITY INSPECTION

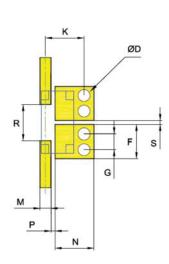
Finished parts are 100% tested for electrical parameters and visual/ mechanical characteristics. Each production lot is evaluated on a sample basis for:

- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance : 125°C, IR, 4 hours

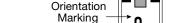
TERMINATION

Nickel/ Lead freeSolder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

RECOMMENDED PAD LAYOUT



	<u>mm</u>			
F	1.70±0.05 (0.067±0.002)			
G	0.78±0.05 (0.031±0.002)			
к	1.91±0.10 (0.075±0.004)			
м	0.54±0.025 (0.021±0.001)			
N	1.93±0.05 (0.076±0.002)			
Р	0.21±0.04 (0.008±0.002)			
R	1.80±0.04 (0.071±0.002)			
S	0.20±0.04 (0.008±0.002)			
D	0.60±0.10 (0.024±0.004)			



IN

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TERMINAL AND LAYOUT (TOP VIEW)

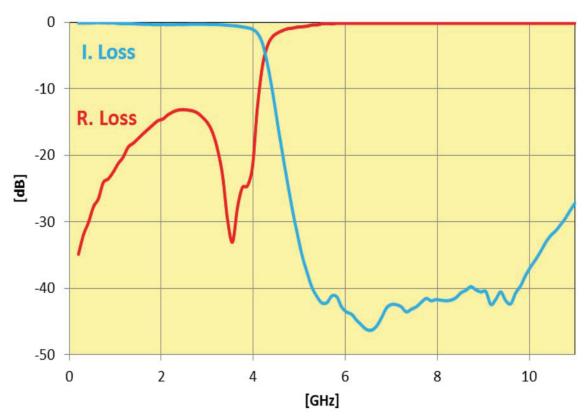
0 0 0

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GND



P/N	I.Loss @ 3.6GHz	R.Loss @ 3.6GHz	Attenuation
LP1206A3800ASTR	0.8dB max.	-20dB	-35dB at 5.32GHz -28dB at 7.6GHz -33dB at 10GHz





单击下面可查看定价,库存,交付和生命周期等信息

>>AVX