LP0805H0400ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Frequency: 400MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°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

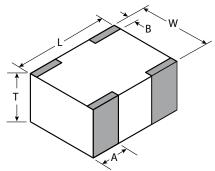


FINAL QUALITY INSPECTION

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, I_p, 4 hours

DIMENSIONS (TOP VIEW)



	mm (inches)				
	L	2.03±0.10 (0.080±0.004)			
	W	1.55±0.10 (0.061±0.004)			
Т		0.80±0.10 (0.031±0.004)			
	Α	0.56±0.25 (0.022±0.010)			
	В	0.35±0.15 (0.014±0.006)			

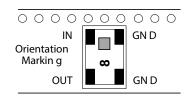
TERMINATION

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

Ε Ε

Dimensions: millimeters

G	0.54
N	0.85
Е	0.63
S	1.5
F	2.5
K	1.5
Р	1.0
L	0.5
D	Ø0.6
n n	ØU.6



^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

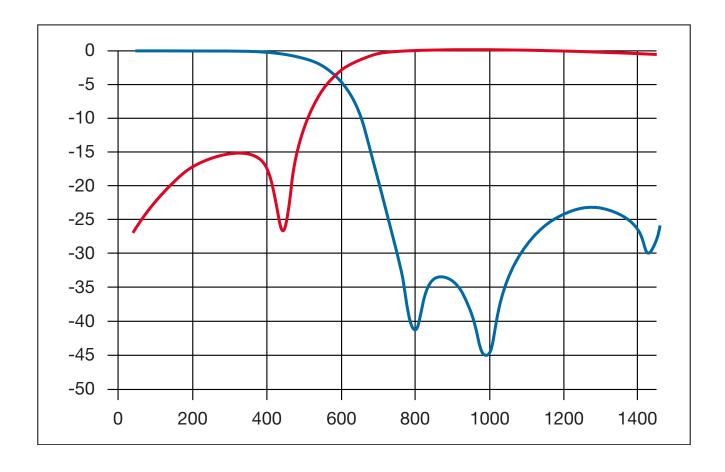
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0400ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @ 400MHz	R.Loss @ 400MHz	Attenuation
LP0805H0400ASTR	400MHz	-0.6dB max.	-15dB	-30dB at 800MHz -20dB at 1200MHz



LP0805H0420ASTR - SMD Termination





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

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

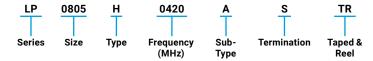
FEATURES

- Small size: 0805
- Frequency: 420MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°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

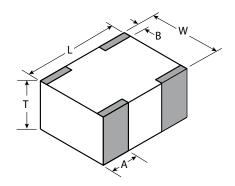


FINAL QUALITY INSPECTION

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, I_p, 4 hours

DIMENSIONS (TOP VIEW)



mm (inches)				
	2.03±0.10			
_	(0.080±0.004)			
w	1.55±0.10			
vv	(0.061±0.004)			
-	0.80±0.10			
	(0.031±0.004)			
Α	0.56±0.25			
A	(0.022±0.010)			
В	0.35±0.15			
D	(0.01410.006)			

TERMINATION

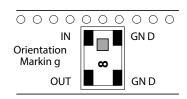
Nickel/ Lead free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

Ε

Dimensions: millimeters

0.54
0.85
0.63
1.5
2.5
1.5
1.0
0.5
Ø0.6

TERMINALS AND LAYOUT (TOP VIEW)



Ε

^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

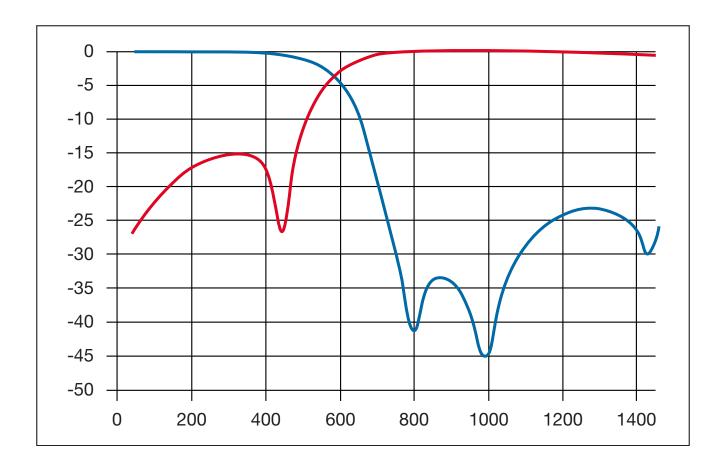
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0420ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @ 420MHz	R.Loss @ 420MHz	Attenuation
LP0805H0420ASTR	420MHz	-0.6dB max.	-15dB	-30dB at 840MHz -20dB at 1260MHz



Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0450ASTR - SMD Termination





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

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

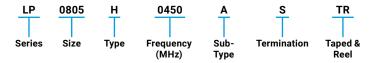
FEATURES

- Small size: 0805
- Frequency: 450MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°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

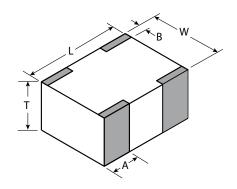


FINAL QUALITY INSPECTION

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, I_p, 4 hours

DIMENSIONS (TOP VIEW)



mm (inches)				
	2.03±0.10			
_	(0.080±0.004)			
14/	1.55±0.10			
W	(0.061±0.004)			
-	0.80±0.10			
	(0.031±0.004)			
Α	0.56±0.25			
A	(0.022±0.010)			
В	0.35±0.15			
ם	(0.014±0.006)			

TERMINATION

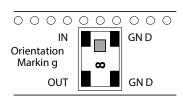
technologies: reflow, wave soldering, vapor phase and manual.

Nickel/ Lead free Solder coating (Sn100) compatible with automatic soldering

Ε Ε

Dimensions: millimeters

0.54
0.85
0.63
1.5
2.5
1.5
1.0
0.5
Ø0.6



^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

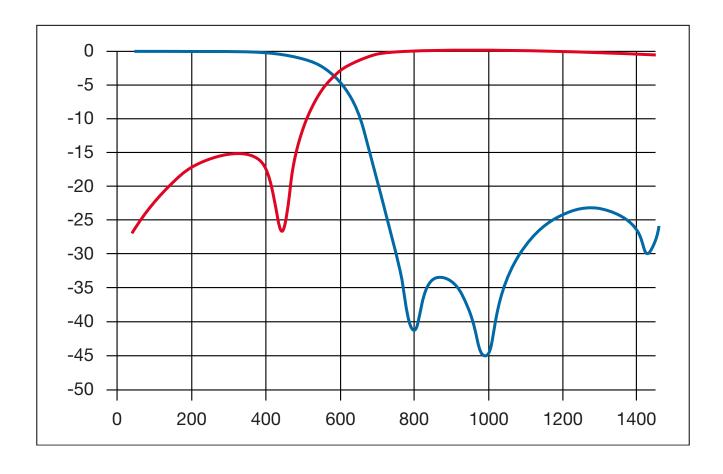
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0450ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @ 450MHz	R.Loss @ 450MHz	Attenuation
LP0805H0450ASTR	450MHz	-0.6dB max.	-15dB	-28dB at 900MHz -20dB at 1350MHz



LP0805H0470ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Frequency: 470MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°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

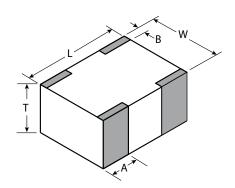


FINAL QUALITY INSPECTION

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, I_R, 4 hours

DIMENSIONS (TOP VIEW)



	mm (inches)				
	L	2.03±0.10 (0.080±0.004)			
	W	1.55±0.10 (0.061±0.004)			
Т		0.80±0.10 (0.031±0.004)			
	A	0.56±0.25 (0.022±0.010)			
	В	0.35±0.15 (0.014±0.006)			

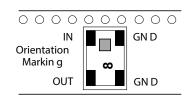
TERMINATION

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

Ε Ε

Dimensions: millimeters

G	0.54
N	0.85
Е	0.63
S	1.5
F	2.5
K	1.5
Р	1.0
L	0.5
D	Ø0.6



^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

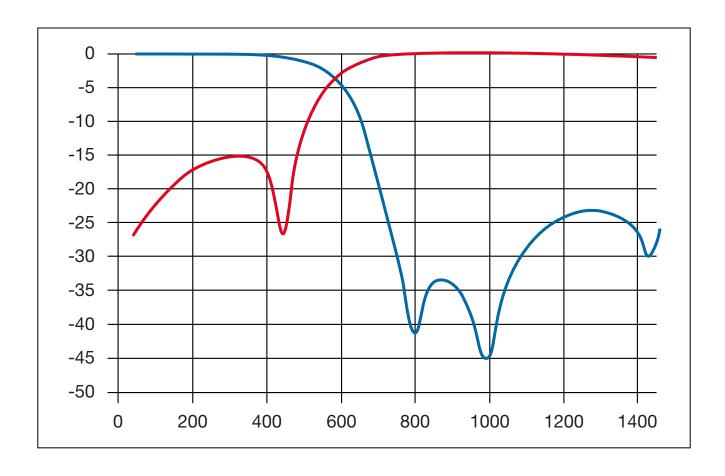
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0470ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @ 470MHz	R.Loss @ 470MHz	Attenuation
LP0805H0470ASTR	470MHz	-0.7dB max.	-15dB	-28dB at 940MHz -20dB at 1410MHz



LP0805H0512ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Frequency: 512MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°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



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, I_R, 4 hours

TERMINATION

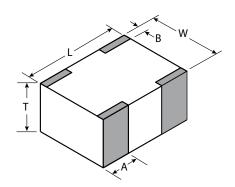
Nickel/ Lead free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

Ε S Ε

Dimensions: millimeters

0.54
0.85
0.63
1.5
2.5
1.5
1.0
0.5
Ø0.6

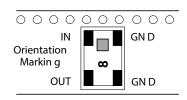
DIMENSIONS (TOP VIEW)



mm (inches)

L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)

TERMINALS AND LAYOUT (TOP VIEW)



152

TDS-RFM-0046 | Rev 3

^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

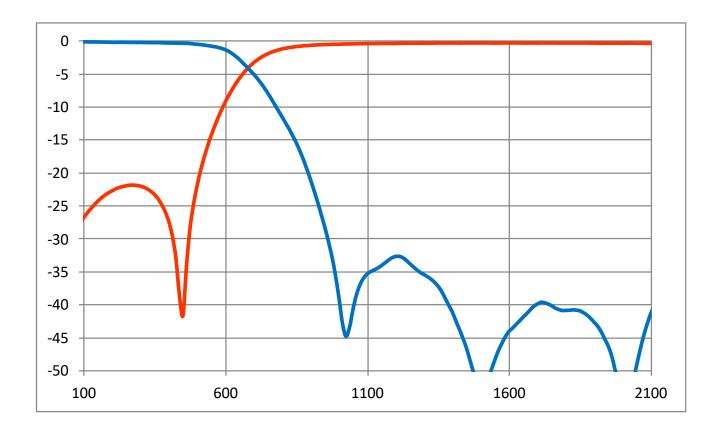
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0512ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency I.Loss @ 512MHz		R.Loss @ 512MHz	Attenuation
LP0805H0512ASTR	512MHz	-0.75dB max.	-12dB	-35dB at 1024MHz -40dB at 1536MHz



LP0805H0700ASTR - SMD Termination





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

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

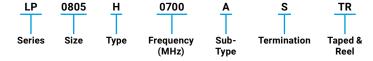
FEATURES

- Small size: 0805
- Frequency: 700MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°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

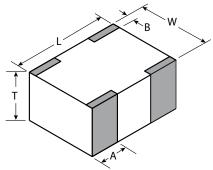


FINAL QUALITY INSPECTION

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, I_p, 4 hours

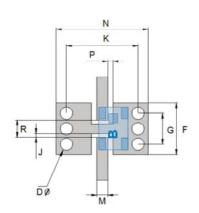
DIMENSIONS (TOP VIEW)



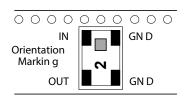
- 1	mm (inches)				
	L	2.03±0.10 (0.080±0.004)			
	W	1.55±0.10 (0.061±0.004)			
	Т	0.80±0.10 (0.031±0.004)			
	Α	0.56±0.25 (0.022±0.010)			
	В	0.35±0.15 (0.014±0.006)			

TERMINATION

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



F	2.50±0.05 (0.098±0.002)
G	1.50±0.05 (0.059±0.002)
J	0.19±0.05 (0.007±0.002)
K	3.48±0.05 (0.137±0.002)
M	0.54±0.25 (0.021±0.010)
N	4.48±0.05 (0.776±0.002)
Р	0.25±0.05 (0.010±0.002)
R	0.85±0.05 (0.033±0.002)
D	0.60±0.05 (0.024±0.002)



^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

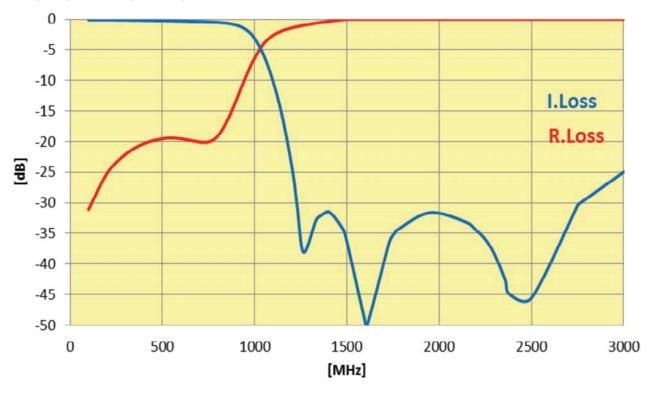
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0700ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @ 700MHz	R.Loss @ 700MHz	Attenuation
LP0805H0700ASTR	700MHz	-0.4dB max.	-20dB	-35dB at 1400MHz -30dB at 2100MHz -30dB at 2800MHz



Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0750ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Characteristic impedance: 50Ω
- Frequency band: Band 13 746-756MHz
- Operating / Storage temp: -40°C +85°C
- Low profile
- Rugged construction
- Taped and reeled
- RoHS compliant

APPLICATIONS

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

HOW TO ORDER





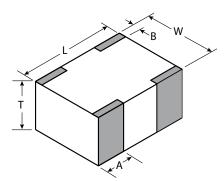








DIMENSIONS (TOP VIEW)



mm (inches)				
1	2.03±0.10			
	(0.080±0.004)			
w	1.55±0.10			
VV	(0.061±0.004)			
Т	0.80±0.25			
	(0.031±0.010)			
Δ	0.56±0.10			
(0.022±0.004)				
В	0.35±0.15			
В	(0.014±0.006)			

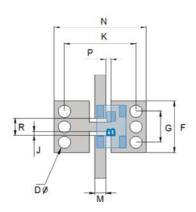
FINAL QUALITY INSPECTION

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

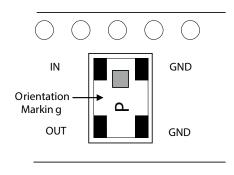
- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance: 125°C, I_R, 4 hours

TERMINATION

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



F	2.50±0.05
F	(0.098±0.002)
G	1.50±0.05
G	(0.059±0.002)
.I	0.19±0.05
J	(0.007±0.002)
К	3.48±0.05
, r	(0.137±0.002)
М	0.54±0.25
141	(0.021±0.010)
N	4.48±0.05
- 13	(0.776±0.002)
P	0.25±0.05
	(0.010±0.002)
R	0.85±0.05
- 13	(0.033±0.002)
	0.60±0.05
D	(0.024±0.002)
	<u></u>



^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

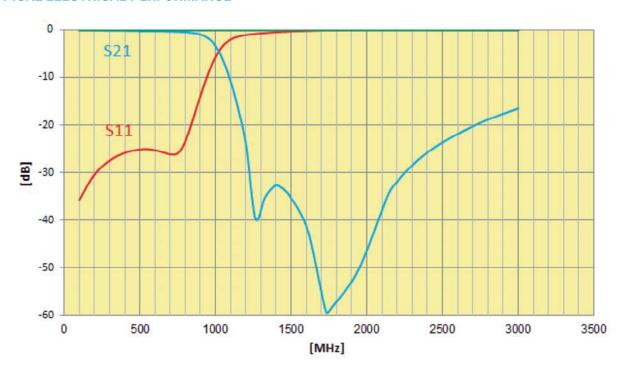
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0750ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

Part Number	Frequency (MHz)	I.Loss max	VSWR max.	Attenuation (dB)
LP0805H0750ASTR	Band 13 DL (746-756MHz)	-0.4dB	1.7	2d Harmonic 1492-1512MHz: -37dB 3d Harmonic 2238-2268MHz: -33dB



Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0780ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Frequency: 780MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER



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:

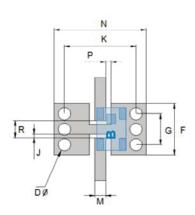
- Static Humidity: 85°C, 85% RH, 160 hours
- Endurance: 125°C, I_p, 4 hours

TERMINATION

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

RECOMMENDED PAD LAYOUT:

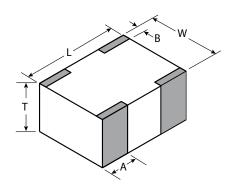
mm (inches)



F	2.50±0.05
F	(0.098±0.002)
G	1.50±0.05
<u> </u>	(0.059±0.002)
.1	0.19±0.05
J	(0.007±0.002)
к	3.48±0.05
	(0.137±0.002)
м	0.54±0.25
IVI	(0.021±0.010)
N	4.48±0.05
14	(0.776±0.002)
Р	0.25±0.05
	(0.010±0.002)
R	0.85±0.05
, A	(0.033±0.002)
D	0.60±0.05
	(0.024±0.002)

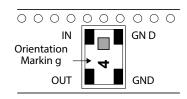
*The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

DIMENSIONS (TOP VIEW)



mm (inches)

L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)



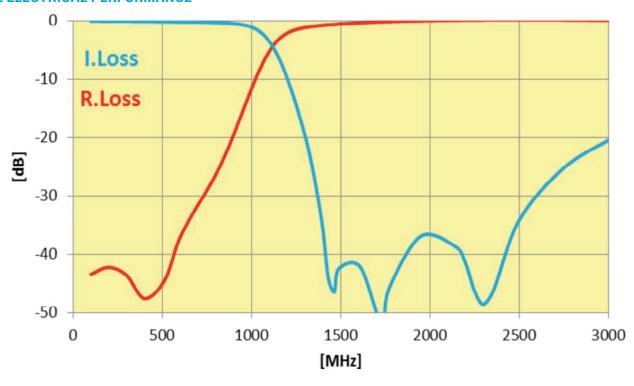
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0780ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	I.Loss @ 780MHz	R.Loss @ 780MHz	Attenuation
LP0805H0780ASTR	-0.4dB max.	-20dB	-35dB at 1560MHz -40dB at 2340MHz -20dB at 3120MHz



Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0942ASTR - SMD Termination





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

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

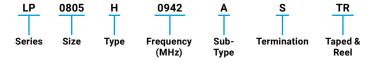
FEATURES

- Small size: 0805
- Frequency: 942MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER



FINAL QUALITY INSPECTION

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

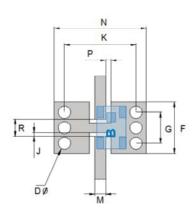
- · Static Humidity: 85°C, 85% RH, 160 hours
- Endurance: 125°C, I, 4 hours

TERMINATION

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

RECOMMENDED PAD LAYOUT:

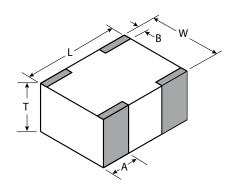
mm (inches)



-	(0.098±0.002)
G	1.50±0.05 (0.059±0.002)
J	0.19±0.05 (0.007±0.002)
К	3.48±0.05 (0.137±0.002)
М	0.54±0.25 (0.021±0.010)
N	4.48±0.05 (0.776±0.002)
Р	0.25±0.05 (0.010±0.002)
R	0.85±0.05 (0.033±0.002)
D	0.60±0.05 (0.024±0.002)

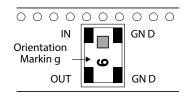
2 50+0 05

DIMENSIONS (TOP VIEW)



mm (inches)

L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)



^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

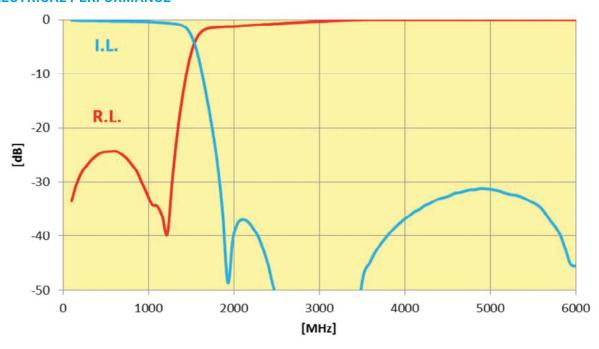
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H0942ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	I.Loss @ 942MHz	R.Loss @ 942MHz	Attenuation
LP0805H0942ASTR	-0.4dB max.	-20dB	-35dB at 1884MHz -40dB at 2826MHz -35dB at 3768MHz



LP0805H1000ASTR - SMD Termination





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

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

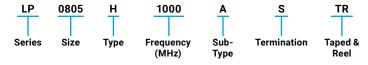
FEATURES

- Small size: 0805
- Frequency: 1000MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER



FINAL QUALITY INSPECTION

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

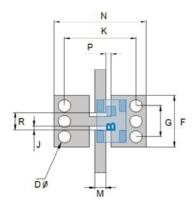
- · Static Humidity: 85°C, 85% RH, 160 hours
- Endurance: 125°C, I_D, 4 hours

TERMINATION

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

RECOMMENDED PAD LAYOUT:

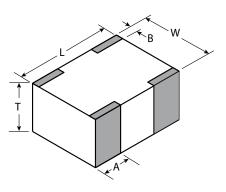
mm (inches)



F	2.50±0.05
	(0.098±0.002)
G	1.50±0.05
G	(0.059±0.002)
.1	0.19±0.05
J	(0.007±0.002)
К	3.48±0.05
	(0.137±0.002)
М	0.54±0.25
IVI	(0.021±0.010)
N	4.48±0.05
IN	(0.776±0.002)
Р	0.25±0.05
Р	(0.010±0.002)
R	0.85±0.05
R	(0.033±0.002)
D	0.60±0.05
U	(0.024±0.002)

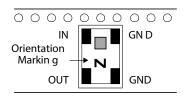
^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

DIMENSIONS (TOP VIEW)



mm (inches)

L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)



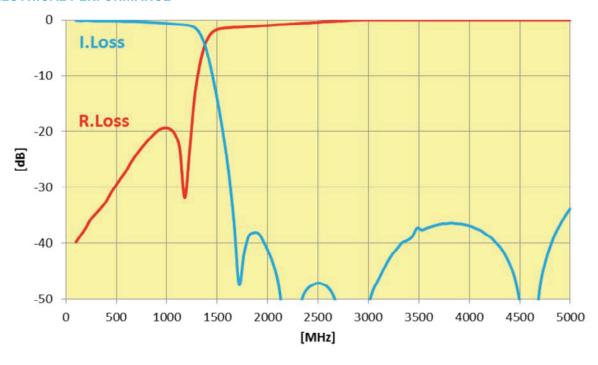
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H1000ASTR - SMD Termination



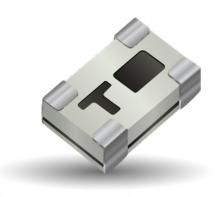
ELECTRICAL CHARACTERISTICS

P/N	I.Loss @ 1000MHz	R.Loss @ 1000MHz	Attenuation
LP0805H1000ASTR	-0.7dB max.	-20dB	-35dB at 2000MHz -40dB at 3000MHz -35dB at 4000MHz -30dB at 5000MHz



Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H1250ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Frequency: 1250MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER



FINAL QUALITY INSPECTION

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

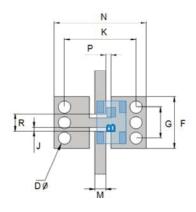
- · Static Humidity: 85°C, 85% RH, 160 hours
- Endurance: 125°C, I_D, 4 hours

TERMINATION

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

RECOMMENDED PAD LAYOUT:

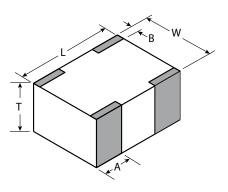
mm (inches)



F	2.50±0.05
	(0.098±0.002)
G	1.50±0.05
G	(0.059±0.002)
.1	0.19±0.05
J	(0.007±0.002)
к	3.48±0.05
, ,	(0.137±0.002)
м	0.54±0.25
IVI	(0.021±0.010)
N	4.48±0.05
14	(0.776±0.002)
P	0.25±0.05
	(0.010±0.002)
R	0.85±0.05
R	(0.033±0.002)
D	0.60±0.05
	(0.024±0.002)

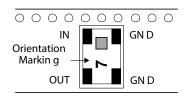
*The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

DIMENSIONS (TOP VIEW)



mm (inches)

L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)



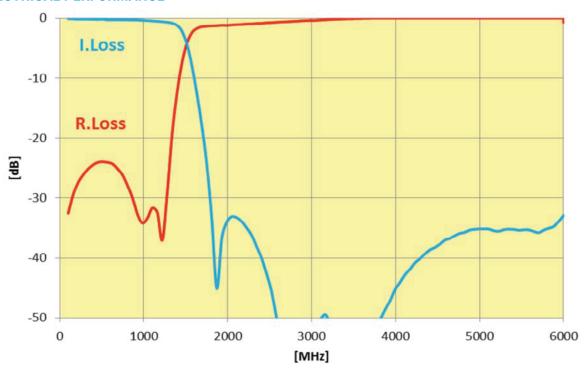
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H1250ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	I.Loss @1250MHz	R.Loss @ 1250MHz	Attenuation
LP0805H1250ASTR	-0.7dB max.	-25dB	-20dB at 1750MHz -35dB at 2500MHz -40dB at 3750MHz -30dB at 5000MHz



LP0805H1800ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Frequency: 1800MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER



FINAL QUALITY INSPECTION

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

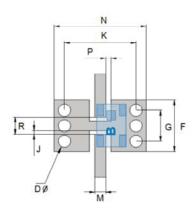
- · Static Humidity: 85°C, 85% RH, 160 hours
- Endurance: 125°C, I, 4 hours

TERMINATION

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

RECOMMENDED PAD LAYOUT:

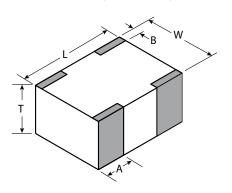
mm (inches)



G (0.098±0.002) G (0.059±0.002) J (0.19±0.05 (0.007±0.002) K (0.0137±0.002) M (0.021±0.010) N (4.48±0.05 (0.776±0.002) D (0.776±0.002)
G (0.059±0.002) J 0.19±0.05 (0.007±0.002) K 3.48±0.05 (0.137±0.002) M 0.54±0.25 (0.021±0.010) N 4.48±0.05 (0.776±0.002)
(0.09\frac{1}{2}\text{0.002}\) J 0.19\frac{1}{2}\text{0.05}\) (0.007\frac{1}{2}\text{0.002}\) K 3.48\frac{1}{2}\text{0.05}\) (0.137\frac{1}{2}\text{0.002}\) M 0.54\frac{1}{2}\text{0.25}\) (0.021\frac{1}{2}\text{0.010}\) N 4.48\frac{1}{2}\text{0.05}\) (0.77\frac{1}{2}\text{0.002}\)
M (0.007±0.002) M (0.137±0.002) M (0.21±0.010) N (4.48±0.05) (0.77±0.002)
(0.007±0.002) K 3.48±0.05 (0.137±0.002) M 0.54±0.25 (0.021±0.010) N 4.48±0.05 (0.776±0.002)
M (0.137±0.002) M (0.54±0.25 (0.021±0.010) N (4.48±0.05 (0.776±0.002)
M 0.54±0.25 (0.021±0.010) N 4.48±0.05 (0.776±0.002)
M (0.021±0.010) N 4.48±0.05 (0.776±0.002)
N (0.021±0.010) 4.48±0.05 (0.776±0.002)
N (0.776±0.002)
(0.776±0.002)
0.25±0.05
(0.010±0.002)
R 0.85±0.05
(0.033±0.002)
0.60±0.05
(0.024±0.002)

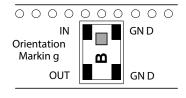
*The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

DIMENSIONS (TOP VIEW)



mm (inches)

L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)



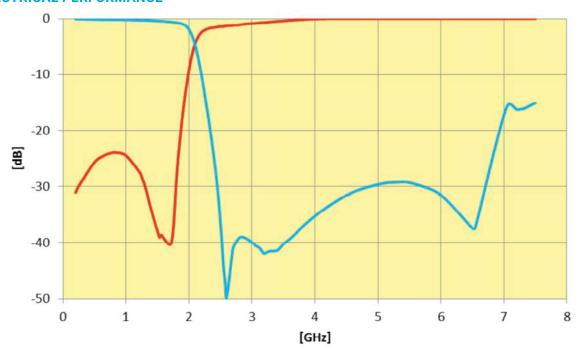
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H1800ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @1800MHz	R.Loss @ 1800MHz	Attenuation
LP0805H1800ASTR	1800MHz	-0.8dB max.	-25dB	-35dB at 2520MHz -35dB at 3600MHz -25dB at 5400MHz



LP0805H1900ASTR - SMD Termination





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

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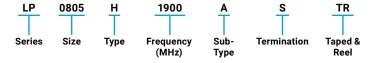
FEATURES

- Small size: 0805
- Frequency: 1900MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER



FINAL QUALITY INSPECTION

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

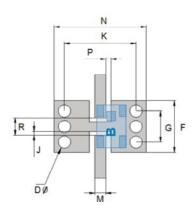
- · Static Humidity: 85°C, 85% RH, 160 hours
- Endurance: 125°C, I, 4 hours

TERMINATION

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

RECOMMENDED PAD LAYOUT:

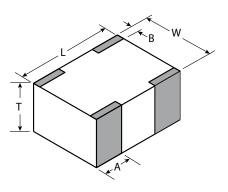
mm (inches)



F	2.50±0.05
•	(0.098±0.002)
G	1.50±0.05
	(0.059±0.002)
J	0.19±0.05
J	(0.007±0.002)
К	3.48±0.05
N.	(0.137±0.002)
	0.54±0.25
М	(0.021±0.010)
	4.48±0.05
N	(0.776±0.002)
P	0.25±0.05
Р	(0.010±0.002)
R	0.85±0.05
R	(0.033±0.002)
_	0.60±0.05
D	(0.024±0.002)

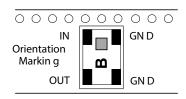
*The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

DIMENSIONS (TOP VIEW)



mm (inches)

L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)



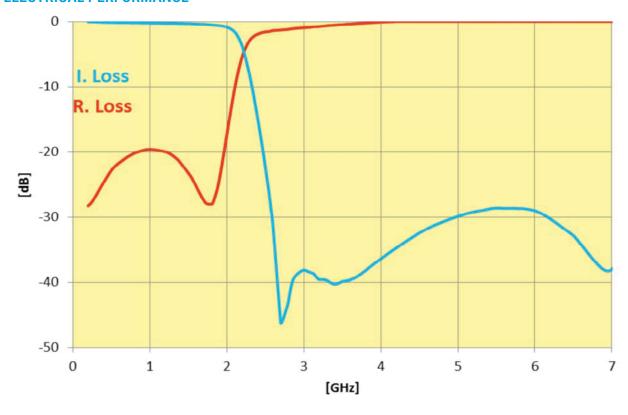
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H1900ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @1900MHz	R.Loss @ 1900MHz	Attenuation
LP0805H1900ASTR	1900MHz	-0.75dB max.	-20dB	-35dB at 2660MHz -35dB at 3800MHz -25dB at 5700MHz



LP0805H2400ASTR - SMD Termination





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

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

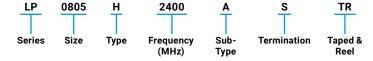
FEATURES

- Small size: 0805
- Frequency: 2400MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER

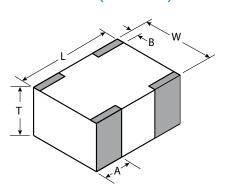


FINAL QUALITY INSPECTION

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

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

DIMENSIONS (TOP VIEW)



mm (inches)

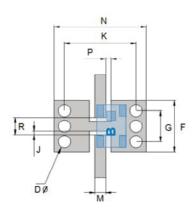
L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)

TERMINATION

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

RECOMMENDED PAD LAYOUT:

mm (inches)



F	2.50±0.05
	(0.098±0.002)
G	1.50±0.05
G	(0.059±0.002)
	0.19±0.05
J	(0.007±0.002)
К	3.48±0.05
K	(0.137±0.002)
М	0.54±0.25
IVI	(0.021±0.010)
N	4.48±0.05
N	(0.776±0.002)
Р	0.25±0.05
P	(0.010±0.002)
R	0.85±0.05
ĸ	(0.033±0.002)
D	0.60±0.05
ט	(0.024±0.002)

0000 000000 Orientation Markin g **GND**

^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

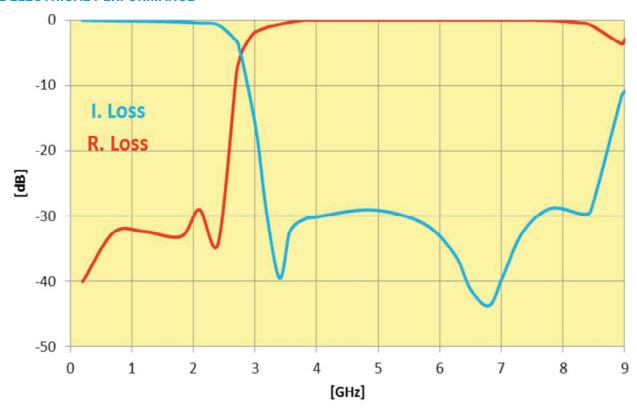
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H2400ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @2500MHz	R.Loss @ 2500MHz	Attenuation
LP0805H2400ASTR	2400MHz	-0.9dB max.	-30dB	-30dB at 3360MHz -25dB at 4800MHz -30dB at 7200MHz



Thin-Film RF/Microwave Filters

Low Pass 0805 High Performance Low Pass Filter

LP0805H2500ASTR - SMD Termination





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

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

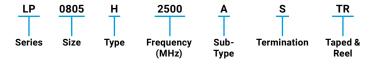
FEATURES

- Small size: 0805
- Frequency: 2500MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER

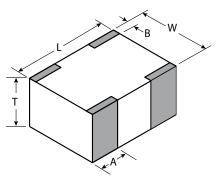


FINAL QUALITY INSPECTION

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

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

DIMENSIONS (TOP VIEW)



mm (inches)

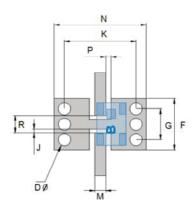
L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)

TERMINATION

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

RECOMMENDED PAD LAYOUT:

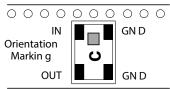
mm (inches)



F	2.50±0.05 (0.098±0.002)			
G	1.50±0.05 (0.059±0.002)			
J	0.19±0.05 (0.007±0.002)			
К	3.48±0.05 (0.137±0.002)			
М	0.54±0.25 (0.021±0.010)			
N	4.48±0.05 (0.776±0.002)			
Р	0.25±0.05 (0.010±0.002)			
R	0.85±0.05 (0.033±0.002)			
D	0.60±0.05 (0.024±0.002)			

	(0.03020.002)
G	1.50±0.05 (0.059±0.002)
J	0.19±0.05 (0.007±0.002)
K	3.48±0.05 (0.137±0.002)
М	0.54±0.25 (0.021±0.010)
N	4.48±0.05 (0.776±0.002)
Р	0.25±0.05 (0.010±0.002)
R	0.85±0.05 (0.033±0.002)

*The recommended distance to the PCB Ground Plane is 0.254mm (0.010")



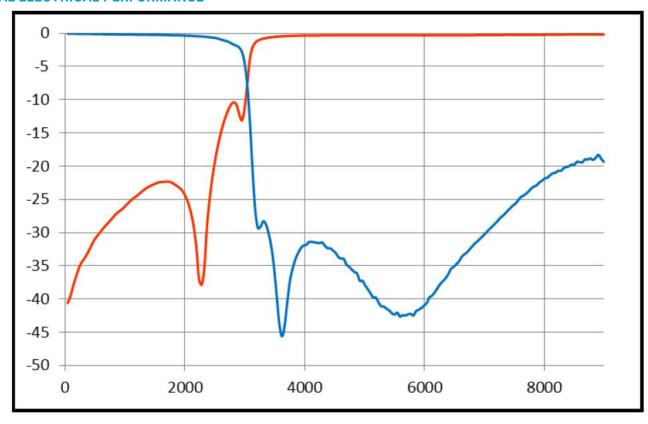
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance Low Pass Filter LP0805H2500ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	I.Loss @2500MHz	R.Loss @ 2500MHz	Attenuation
LP0805H2500ASTR	-0.8dB max.	-15dB	-28dB at 4000-6000MHz -20dB at 6001-8000MHz



Thin-Film RF/Microwave Filters

Low Pass 0805 High Performance Low Pass Filter

LP0805H2600ASTR - SMD Termination





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

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

FEATURES

- Small size: 0805
- Frequency: 2600MHz
- Sharp attenuation slope
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER

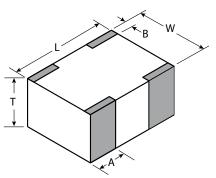


FINAL QUALITY INSPECTION

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

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

DIMENSIONS (TOP VIEW)



mm (inches)

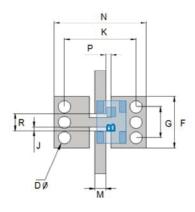
L	2.03±0.10 (0.080±0.004)
w	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)

TERMINATION

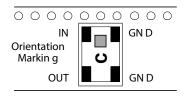
Nickel/Lead free Solder coating (Sn100) compatible with automatic soldering technologies: reflow, wave soldering, vapor phase and manual.

RECOMMENDED PAD LAYOUT:

mm (inches)



F	2.50±0.05 (0.098±0.002)
G	1.50±0.05 (0.059±0.002)
J	0.19±0.05 (0.007±0.002)
K	3.48±0.05 (0.137±0.002)
М	0.54±0.25 (0.021±0.010)
N	4.48±0.05 (0.776±0.002)
P	0.25±0.05 (0.010±0.002)
R	0.85±0.05 (0.033±0.002)
D	0.60±0.05 (0.024±0.002)



^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

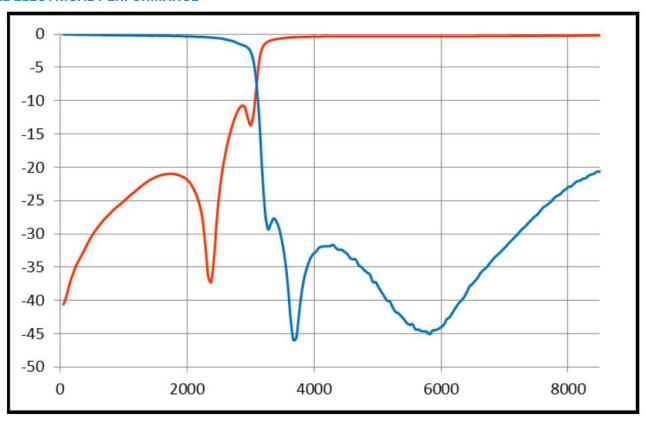
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance Low Pass Filter LP0805H2600ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	I.Loss @2600MHz	R.Loss @ 2600MHz	Attenuation
LP0805H2600ASTR	-0.9dB max.	-15dB	-28dB at 4000-6000MHz -20dB at 6001-8000MHz



LP0805H2900ASTR - SMD Termination





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

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

FEATURES

- Frequency: 1700-2900MHz
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER

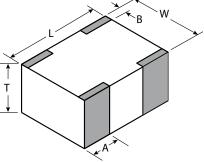


FINAL QUALITY INSPECTION

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

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

DIMENSIONS (TOP VIEW)



mm (inches)

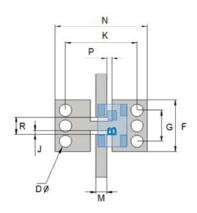
L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)

TERMINATION

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

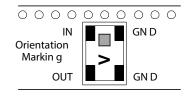
RECOMMENDED PAD LAYOUT:

mm (inches)



F	2.50±0.05
F	(0.098±0.002)
G	1.50±0.05
G	(0.059±0.002)
- 1	0.19±0.05
<u> </u>	(0.007±0.002)
к	3.48±0.05
N.	(0.137±0.002)
М	0.54±0.25
IVI	(0.021±0.010)
N	4.48±0.05
N	(0.776±0.002)
Р	0.25±0.05
P	(0.010±0.002)
R	0.85±0.05
ĸ	(0.033±0.002)
D	0.60±0.05
٥	(0.024±0.002)

^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")



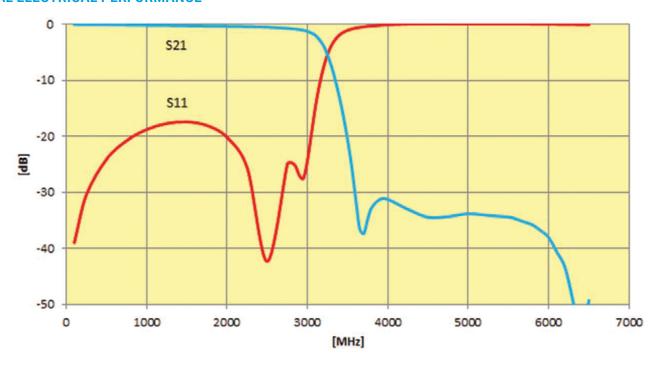
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H2900ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @2900MHz	R.Loss @ 2900MHz	Attenuation
LP0805H2900ASTR	2900MHz	-1dB max.	-20dB	-30dB at 4060MHz -30dB at 5800MHz -35dB at 6500MHz



LP0805H3500ASTR - SMD Termination





ITF TECHNOLOGY

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

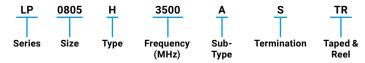
FEATURES

- Small size: 0805
- Frequency: 3500MHz
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER

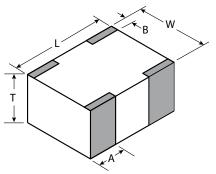


FINAL QUALITY INSPECTION

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

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

DIMENSIONS (TOP VIEW)



mm (inches)

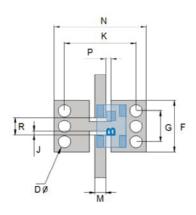
L	2.03±0.10 (0.080±0.004)
W	1.55±0.10 (0.061±0.004)
Т	0.80±0.10 (0.031±0.004)
Α	0.56±0.25 (0.022±0.010)
В	0.35±0.15 (0.014±0.006)

TERMINATION

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

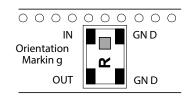
RECOMMENDED PAD LAYOUT:

mm (inches)



	2.50±0.05
F	(0.098±0.002)
	1.50±0.05
G	(0.059±0.002)
	0.19±0.05
J	(0.007±0.002)
К	3.48±0.05
N.	(0.137±0.002)
М	0.54±0.25
IVI	(0.021±0.010)
N	4.48±0.05
IN	(0.776±0.002)
P	0.25±0.05
	(0.010±0.002)
R	0.85±0.05
^	(0.033±0.002)
D	0.60±0.05
	(0.024±0.002)

TERMINAL AND LAYOUT (TOP VIEW)



178

^{*}The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

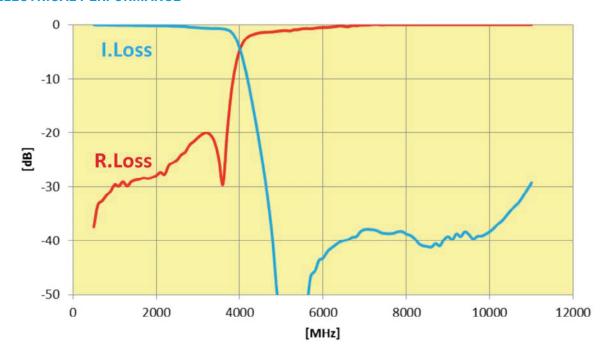
^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H3500ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @3500MHz	R.Loss @3500MHz	Attenuation
LP0805H3500ASTR	3500MHz	-0.85dB max.	-20dB	-35dB at 4900MHz -30dB at 7000MHz -30dB at 10500MHz



LP0805H4000ASTR - SMD Termination



mm (inches)

2.03±0.10

(0.080±0.004) 1.55±0.10 (0.061±0.004)

0.80±0.10

(0.031±0.004) 0.56±0.25 (0.022±0.010) 0.35±0.15

(0.014±0.006)



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

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

DIMENSIONS (TOP VIEW)

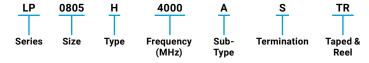
FEATURES

- Frequency: 4000MHz
- Characteristic impedance: 500hm
- Operating / Storage temp: -40°C +100°C
- Low profile
- Rugged construction
- Taped and reeled
- Power handling: 8W

APPLICATIONS

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

HOW TO ORDER



FINAL QUALITY INSPECTION

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

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

TERMINATION

TERMINAL AND LAYOUT (TOP VIEW)

RECOMMENDED PAD LAYOUT: mm (inches)

Nickel/ Lead free Solder coating (Sn100) compatible with automatic soldering

technologies: reflow, wave soldering, vapor phase and manual.

F	2.50±0.05
	(0.098±0.002)
G	1.50±0.05
G	(0.059±0.002)
a.	0.19±0.05
J	(0.007±0.002)
К	3.48±0.05
_ N	(0.137±0.002)
м	0.54±0.25
IVI	(0.021±0.010)
N	4.48±0.05
IN	(0.776±0.002)
Р	0.25±0.05
_	(0.010±0.002)
_	0.85±0.05
R	(0.033±0.002)
_	0.60±0.05
D	(0.024±0.002)

*The recommended distance to the PCB Ground Plane is 0.254mm (0.010")

000 0000 Orientation Markin g OUT



^{**} PCB: Taconic Orcer RF-35P

Thin-Film RF/Microwave Filters Low Pass 0805 High Performance SMD 8W LP0805H4000ASTR - SMD Termination



ELECTRICAL CHARACTERISTICS

P/N	Frequency	I.Loss @4000MHz	R.Loss @4000MHz	Attenuation
LP0805H4000ASTR	4000MHz	-0.8dB max.	-20dB	-40dB at 5600MHz -35dB at 8000MHz -35dB at 10000MHz -25dB at 12000MHz

