

High Frequency Ceramic Solutions

2.6GHz Band Pass Filter, EIA 1210, SMD, High Attenuation

P/N 2600BP41A0400

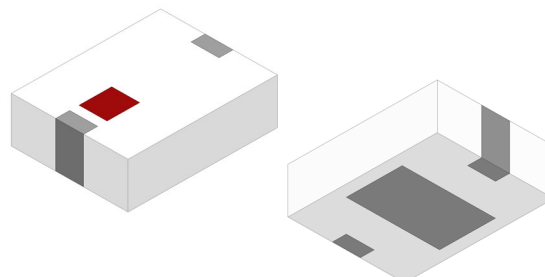
Detail Specification: 12/20/2019

Page 1 of 4

General Specifications

Part Number	2600BP41A0400
Operating Frequency (MHz)	2393 - 2793
Insertion loss (dB)	1.6 typ. (2.6 max.)
Return Loss (dB)	15 typ. (10 min.)
Power Capacity (W)	3 max. (CW)

Attenuation (dB)	
1500 - 1999 MHz	37 typ. (30 min.)
2000 - 2100 MHz	35 typ. (27 min.)
3200 - 3399 MHz	35 typ. (20 min.)
3400 - 3404 MHz	36 typ. (32 min.)
6155 - 6355 MHz	35 typ. (10 min.)
7488 - 8070 MHz	40 typ. (20 min.)



Operating Temperature	-40°C to +105°C
Reel Quantity (pcs/reel)	2,000
Recommended Storage Conditions for unused T&R product	+5 to +35°C Humidity 45 - 75%RH 18 months max.

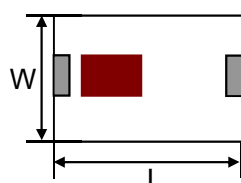
You can download measured s-parameters of this component at: <https://www.johansontechnology.com/band-pass-filters>

Part Number Explanation

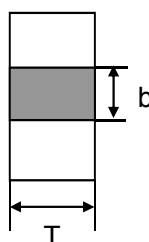
P/N Suffix	Packaging Style	Bulk	Suffix = S	E.g. 2600BP41A0400S
		T & R	Suffix = E	E.g. 2600BP41A0400E
	Evaluation Board	50Ω SMA	Suffix = EB1SMA	E.g. 2600BP41A0400-EB1SMA

Mechanical Dimensions

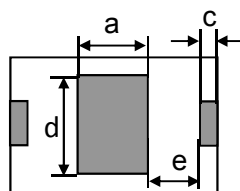
	In	mm
L	0.126 ± 0.008	3.20 ± 0.20
W	0.098 ± 0.008	2.50 ± 0.20
T	0.039 max.	1.00 max.
a	0.047 ± 0.006	1.20 ± 0.15
b	0.024 ± 0.008	0.60 ± 0.20
c	0.012 ± 0.006	0.30 ± 0.15
d	0.079 ± 0.006	2.00 ± 0.15
e	0.028 ± 0.006	0.70 ± 0.15



< Top view >



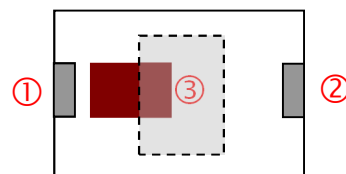
< Side view >



< Bottom view >

Terminal Configuration

No.	Function
1	INPUT / OUTPUT
2	INPUT / OUTPUT
3	GND



< Top view >

Johanson Technology, Inc. reserves the right to make design changes without notice.

All sales are subject to Johanson Technology, Inc. terms and conditions.



<https://www.johansontechnology.com>

4001 Calle Tecate • Camarillo, CA 93012, USA • TEL +1.805.389.1166

Ver. 1.0

2019 Johanson Technology, Inc. All Rights Reserved

High Frequency Ceramic Solutions

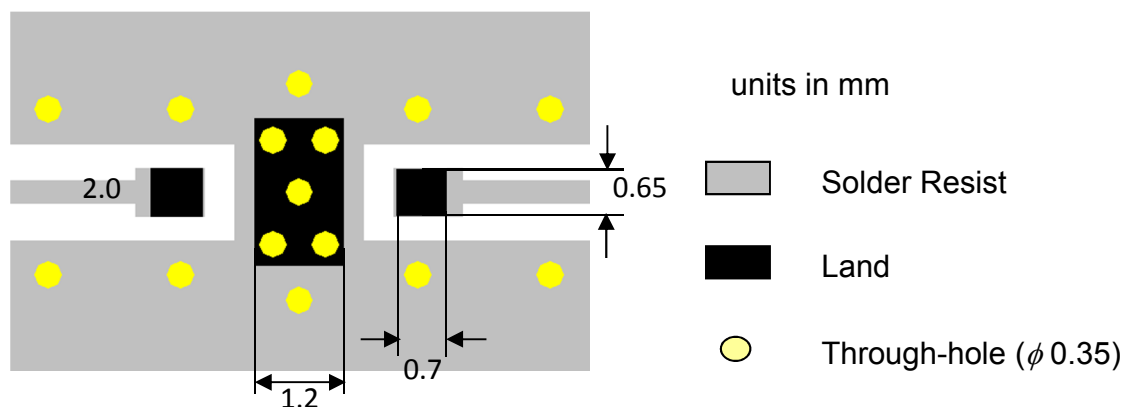
2.6GHz Band Pass Filter, EIA 1210, SMD, High Attenuation

P/N 2600BP41A0400

Detail Specification: 12/20/2019

Page 2 of 4

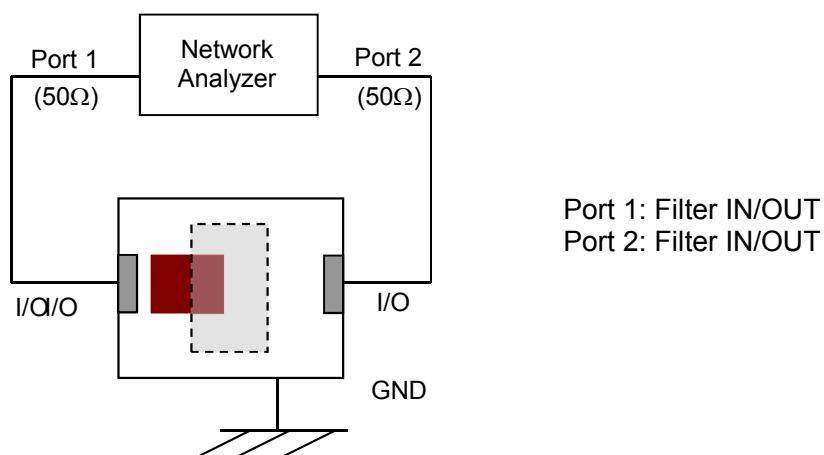
Mounting Pad Dimensions



* Transmission line width should be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.

Would you like the layout? Send us a message at: <https://www.johansontechnology.com/ask-a-question>

Measurement Schematic



Johanson Technology, Inc. reserves the right to make design changes without notice.

All sales are subject to Johanson Technology, Inc. terms and conditions.



Ver. 1.0

<https://www.johansontechnology.com>

4001 Calle Tecate • Camarillo, CA 93012, USA • TEL +1.805.389.1166

2019 Johanson Technology, Inc. All Rights Reserved

High Frequency Ceramic Solutions

2.6GHz Band Pass Filter, EIA 1210, SMD, High Attenuation

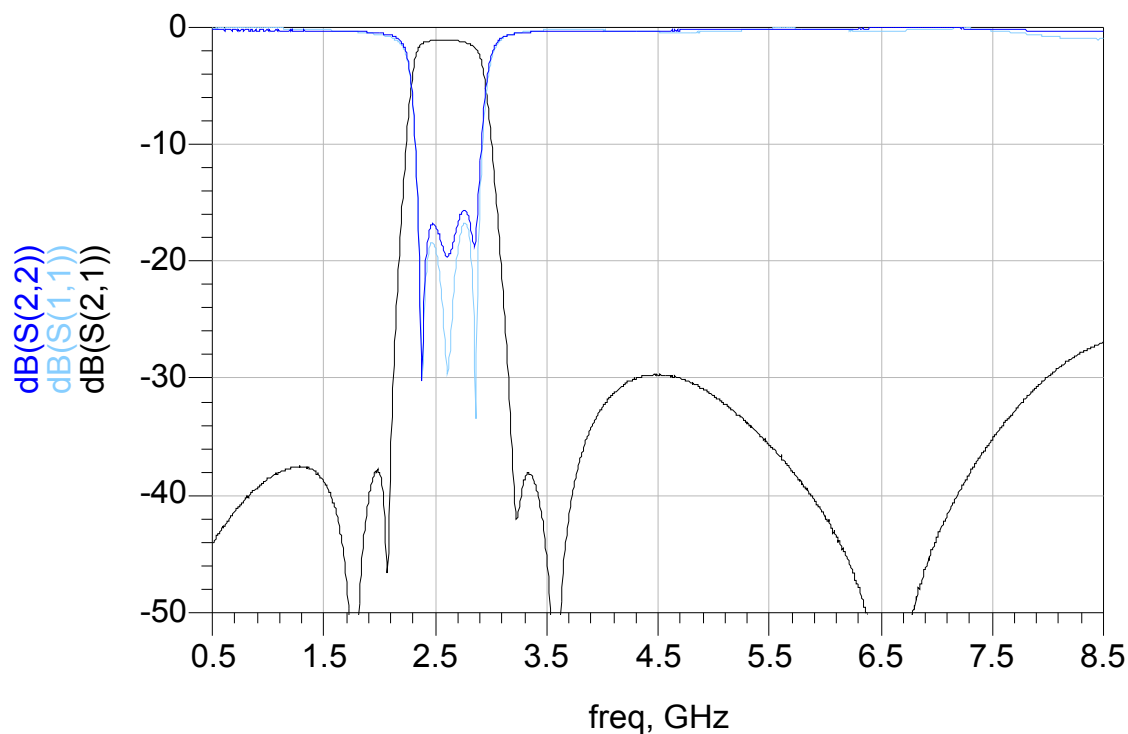
P/N 2600BP41A0400

Detail Specification: 12/20/2019

Page 3 of 4

Typical Electrical Characteristics (T=25°C)

Insertion Loss & Return loss



Do you need the S-parameter file of the above? Send us a message at:
<https://www.johansontechnology.com/ask-a-question>

Johanson Technology, Inc. reserves the right to make design changes without notice.

All sales are subject to Johanson Technology, Inc. terms and conditions.



Ver. 1.0

<https://www.johansontechnology.com>

4001 Calle Tecate • Camarillo, CA 93012, USA • TEL +1.805.389.1166

2019 Johanson Technology, Inc. All Rights Reserved

High Frequency Ceramic Solutions

2.6GHz Band Pass Filter, EIA 1210, SMD, High Attenuation

P/N 2600BP41A0400

Detail Specification: 12/20/2019

Page 4 of 4

Application Notes, Layout Files, and more

<https://www.johansontechnology.com/band-pass-filters>

Packaging information

<https://www.johansontechnology.com/tape-reel-packaging>

Soldering Information

<https://www.johansontechnology.com/ipcsoldering-profile>

MSL Info

<https://www.johansontechnology.com/msl-rating>

Recommended Storage Condition and Max Shelf Life

<https://www.johansontechnology.com/recommended-storage-conditions>

RoHS Compliance

<https://www.johansontechnology.com/technical-notes/rohs-compliance>

Antenna layout and tuning techniques

<https://www.johansontechnology.com/tuning.html>

Antenna layout review, tuning, and characterization services

<https://www.johansontechnology.com/ipc-antenna-services>

Johanson Technology, Inc. reserves the right to make design changes without notice.

All sales are subject to Johanson Technology, Inc. terms and conditions.



Ver. 1.0

<https://www.johansontechnology.com>

4001 Calle Tecate • Camarillo, CA 93012, USA • TEL +1.805.389.1166

2019 Johanson Technology, Inc. All Rights Reserved

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Johanson:](#)

[2600BP41A0400E](#) [2600BP41A0400001E](#)