

"High Frequency Ceramic Solutions"

2.45 GHz Band Pass Filter

P/N 2450BP41D100B

Detail Specification 02/12/2003

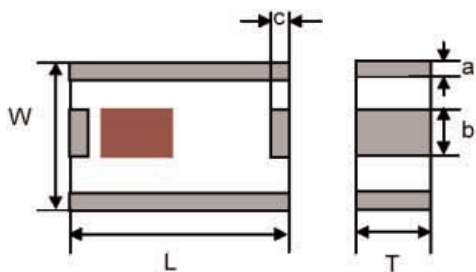
Page 1 of 2

Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss	Ripple
2450BP41D100B	2450 ± 50	1.3 dB max	30 dB @ 880 - 915 MHz 30 dB @ 1.71 - 1.785 GHz 20 dB @ 1.85 - 1.91 GHz 25 dB @ 4.8 - 5.0 GHz 20 dB @ 7.2 - 7.5 GHz	9.5 dB min.	0.7 dB max.

Input Power	Group Delay	Impedance	Operating Temperature Range
500 mWatt max	5 nsec max	50 Ω	-40 to +85°C

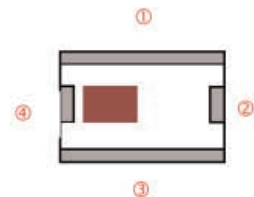
Mechanical Dimensions

	L	W	T	a	b	c
Inches	0.126 ± .008	0.098 ± .008	0.059 ± .004	0.016 ± .008	0.024 ± .008	0.012 ± .006
mm	3.2 ± 0.2	2.5 ± 0.2	1.5 ± 0.1	0.4 ± 0.2	0.6 ± 0.2	0.30 ± 0.15



Terminal Configuration

No.	Function	No.	Function
1	GND	3	GND
2	OUT	4	IN

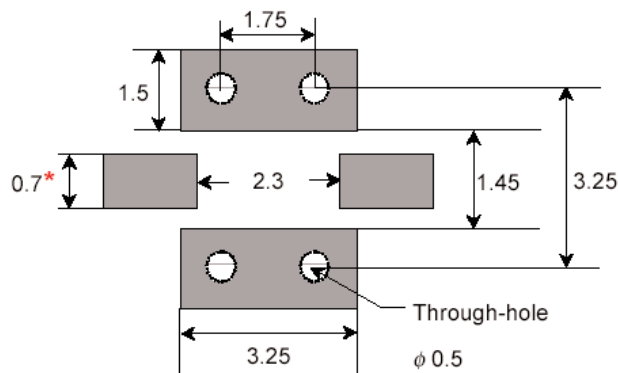


Mounting Considerations

Pats should be mounted with colored side facing UP.

Line width should be designed to provide 50Ω impedance matching characteristics.

Units: mm



Johanson Technology, Inc. reserves the right to make design changes without notice.
All sales are subject to Johanson Technology, Inc. terms and conditions.

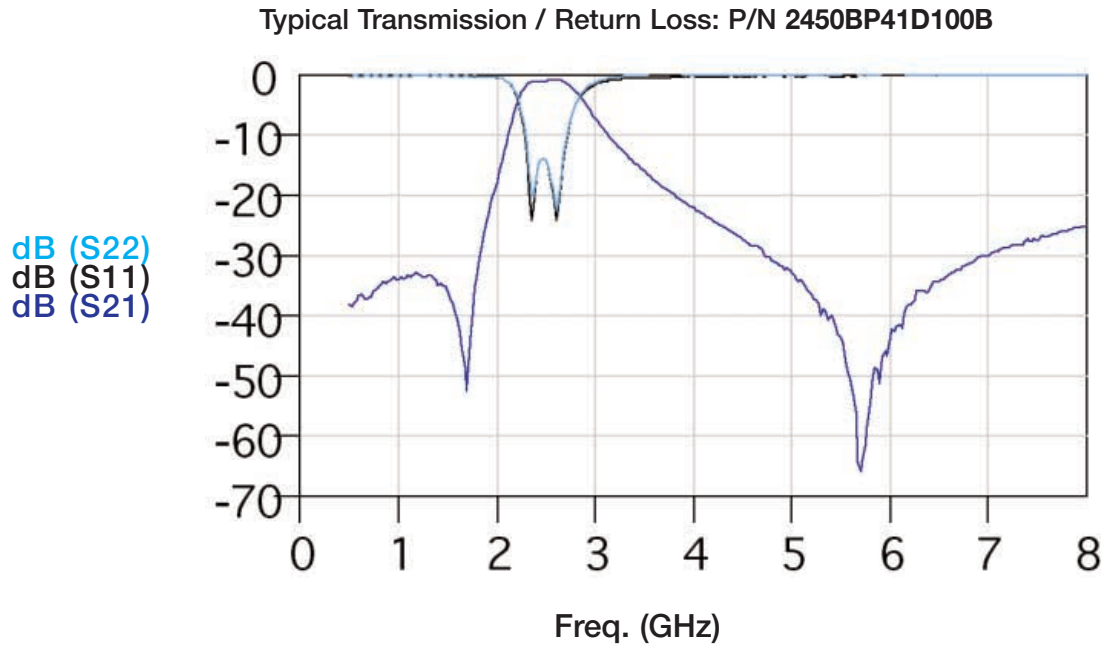
“High Frequency Ceramic Solutions”

2.45 GHz Band Pass Filter

Detail Specification 02/12/2003

P/N 2450BP41D100B

Page 1 of 2



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Signal Conditioning](#) category:

Click to view products by [Johanson](#) manufacturer:

Other Similar products are found below :

[MAPDCC0004](#) [PD0409J5050S2HF](#) [880157](#) [HHS-109-PIN](#) [DC1417J5005AHF](#) [DC4859J5005AHF](#) [AFS14A30-2185.00-T3](#) [AFS14A35-1591.50-T3](#) [DS-323-PIN](#) [DSS-313-PIN](#) [B39321R801H210](#) [B39321R821H210](#) [B39921B4317P810](#) [1A0220-3](#) [2089-6207-00](#) [JP510S](#) [LFB212G45SG8C341](#) [LFB322G45SN1A504](#) [LFL182G45TC3B746](#) [SF2159E](#) [30057](#) [1P510S](#) [CER0813B](#) [3A325](#) [40287](#) [41180](#) [ATB3225-75032NCT](#) [B69842N5807A150](#) [BD0810N50100AHF](#) [BD2326L50200AHF](#) [BD2425J50200AHF](#) [HMC189AMS8TR](#) [C5060J5003AHF](#) [JHS-114-PIN](#) [JP503AS](#) [DC0710J5005AHF](#) [DC2327J5005AHF](#) [DC3338J5005AHF](#) [43020](#) [LFB2H2G60BB1C106](#) [LFL15869MTC1B787](#) [X3C19F1-20S](#) [XC3500P-20S](#) [10013-20](#) [SF2081E](#) [SF2194E](#) [SF2238E](#) [CDBLB455KCAX39-B0](#) [RF1353C](#) [PD0922J5050D2HF](#)