

High Frequency Ceramic Solutions

3.6 GHz Band Pass Filter

P/N 3600BP15M600

Detail Specification: 07/14/05

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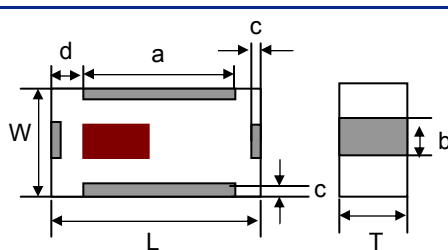
General Specifications

Part Number	3600BP15M600	
Frequency (MHz)	3300 - 3900	
Insertion Loss	1.8 dB max.	
Return Loss	9.5 dB min.	
Attenuation (min.)	0.1 - 2.6 Ghz	15 dB
Attenuation (min.)	4.4 Ghz	9 dB
Attenuation (min.)	6.0 - 9.9 Ghz	20 dB

Input Power	500 mW max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Reel Quantity	4,000

Mechanical Dimensions

	In	mm
L	0.079 $\pm$ 0.006	2.00 $\pm$ 0.15
W	0.049 $\pm$ 0.004	1.25 $\pm$ 0.10
T	0.037 $\pm$ 0.004	0.95 $\pm$ 0.10
a	0.049 $\pm$ 0.006	1.25 $\pm$ 0.15
b	0.012 $\pm$ 0.006	0.30 $\pm$ 0.15
c	0.010 $\pm$ 0.006	0.25 $\pm$ 0.15
g	0.014 $\pm$ 0.006	0.35 $\pm$ 0.15



Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

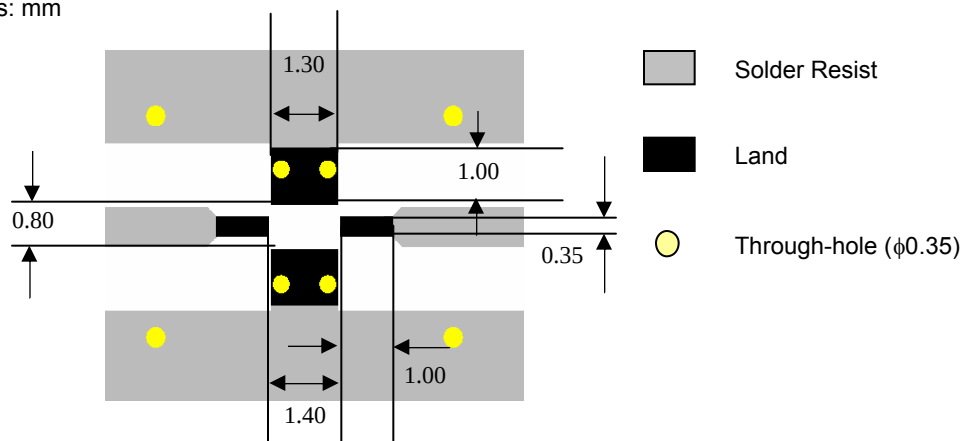
The diagram shows a rectangular package with four terminals. Terminal 1 is at the top, 2 is on the right, 3 is at the bottom, and 4 is on the left. The package is shown in a perspective view.

Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



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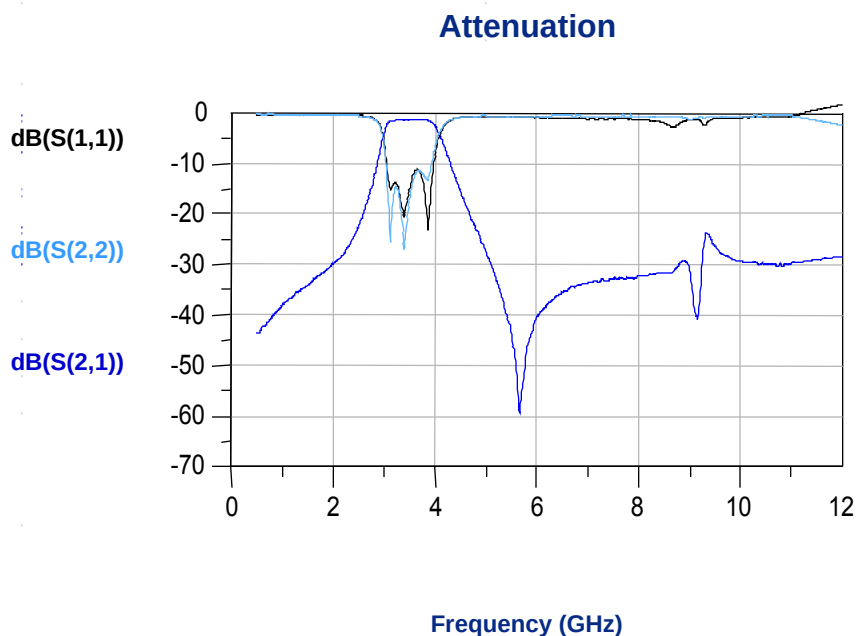
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Typical Electrical Performance (T=25°C)



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