



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# High Frequency Ceramic Solutions

## 3.35 GHz Band Pass Filter

P/N 3350BP39A0500

Detail Specification: 01/29/10

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### General Specifications

Part Number	3350BPA0500	
Frequency (MHz)	3100 ~ 3600	
Attenuation (min.)	500 ~ 2000 MHz	35 dB
Attenuation (min.)	2500 MHz	30 dB
Attenuation (min.)	2950 MHz	5 dB
Attenuation (min.)	4000 MHz	10 dB
Attenuation (min.)	5000 MHz	28 dB
Attenuation (min.)	6000 ~ 8000 MHz	30 dB
Attenuation (Ref.)	8000 ~ 10000 MHz	20 dB

Insertion Loss	2.0 dB max.
Return Loss	9.5 dB min.
Input Power	500 mW max.
Impedance	50 Ω
Reel Quantity	3000
Operating Temperature	-40 to +85°C
Storage Temperature	+5 ~ +35°C, Humidity 45~75%RH, 12 mos. Max*

\*12 months in vacuum sealed bag and 1 week after

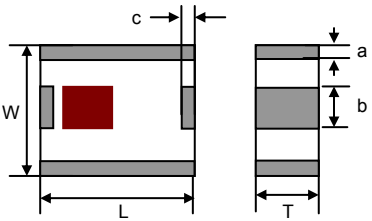
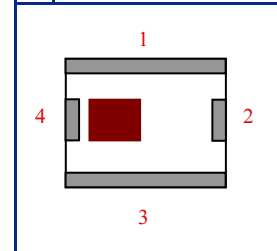
P/N	Packaging	Bulk	Suffix = S	Eg. 3350BP39A0500
	Style	T & R	Suffix = E	Eg. 3350BP39A0500E
Suffix	Termination	100% Tin	Suffix = None	Eg. 3350BP39A0500(E or S)
	Style	Tin / Lead	Suffix = /Pb	Eg. 3350BP39A0500(E or S)/Pb

### Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

### Mechanical Dimensions

	In	mm
L	0.098 ± 0.008	2.50 ± 0.20
W	0.079 ± 0.008	2.00 ± 0.20
T	0.037 ± 0.004	0.95 ± 0.10
a	0.012 ± 0.008	0.30 ± 0.20
b	0.024 ± 0.008	0.60 ± 0.20
c	0.012 ± 0.008	0.30 ± 0.20

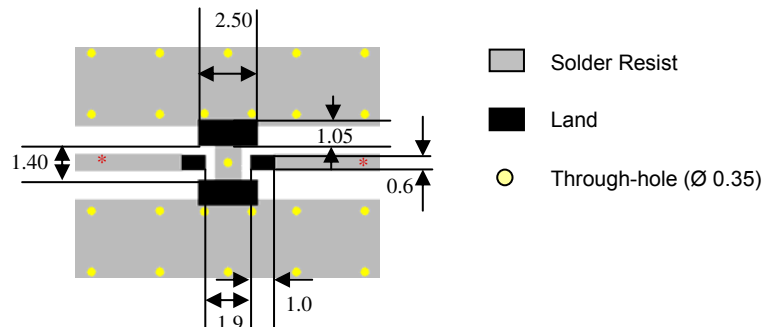



### Mounting Considerations

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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# High Frequency Ceramic Solutions

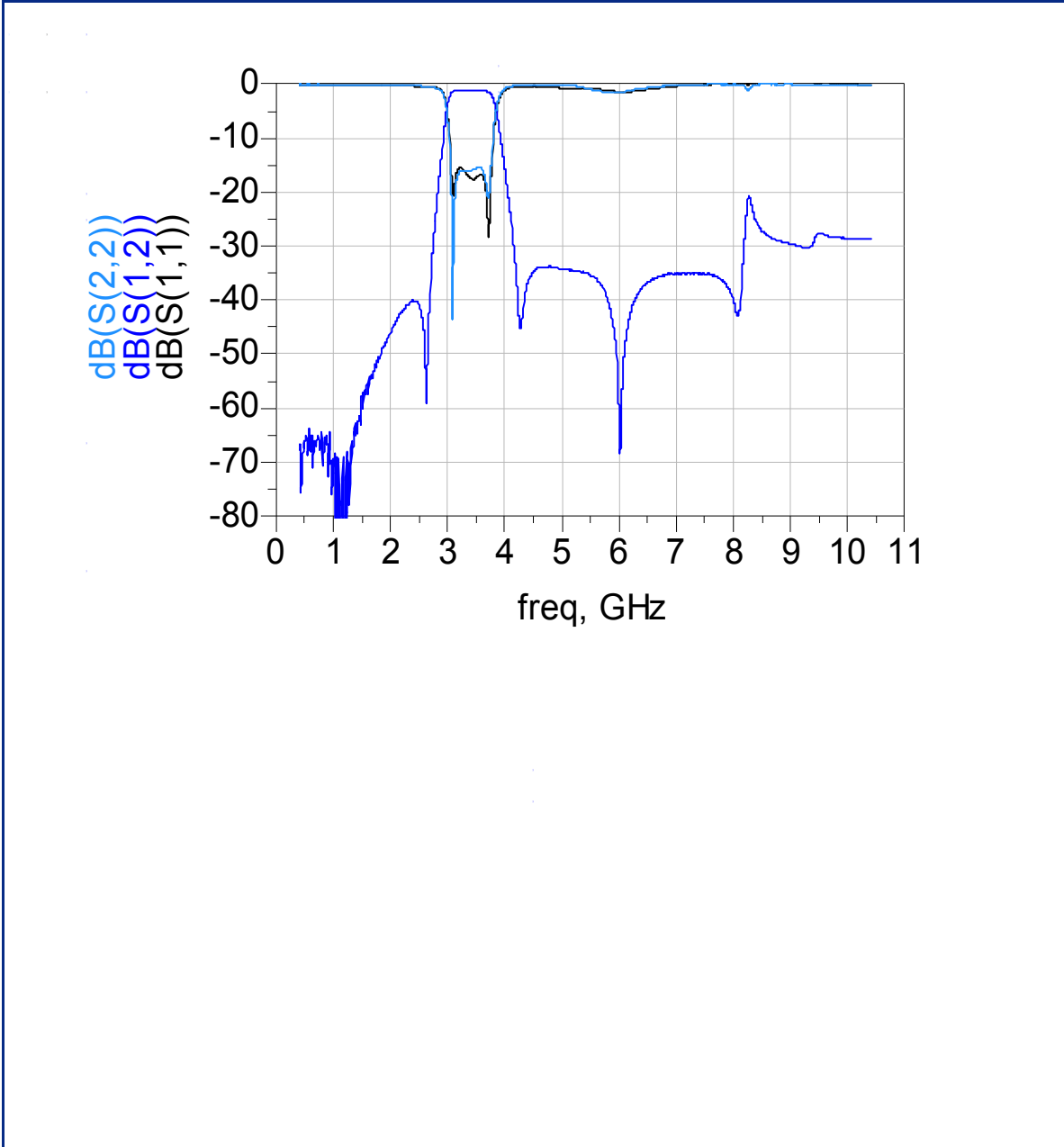
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Typical Electrical Performance (T=25°C)



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