



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!



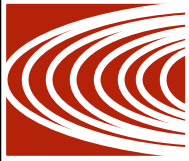
## Contact us

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PERFORMANCE SPECIFICATION		MIN	TYP	MAX	UNITS
Frequency Range:		50		6000	MHz
Insertion Loss:	50 MHz – 1 GHz		0.1	0.3	dB
	1 GHz – 2 GHz		0.3	0.5	dB
	2 GHz – 4 GHz		1.0	2.0	dB
	4 GHz – 6 GHz		2.0	3.0	dB
Isolation (RF to DC Port):	50 MHz – 1 GHz		50	35	dB
	1 GHz – 2 GHz		30	25	dB
	2 GHz – 4 GHz		25	20	dB
	4 GHz – 6 GHz		22	20	dB
Bias Path Resistance:			0.03	0.05	Ω
Maximum Ratings:					
RF Power:				2	W
DC Port Voltage:				15	V
Input Current:				1	Amps
Operating Temperature Range:		-40		+85	°C
Storage Temperature Range:		-45		+90	°C

**Features:**

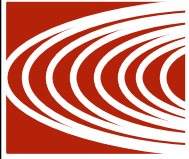
- Low Insertion Loss, 0.5 dB Typical at 2 GHz
- Wideband operation, 50 to 6000 MHz
- High Isolation, 35 dB Typical at 1 GHz



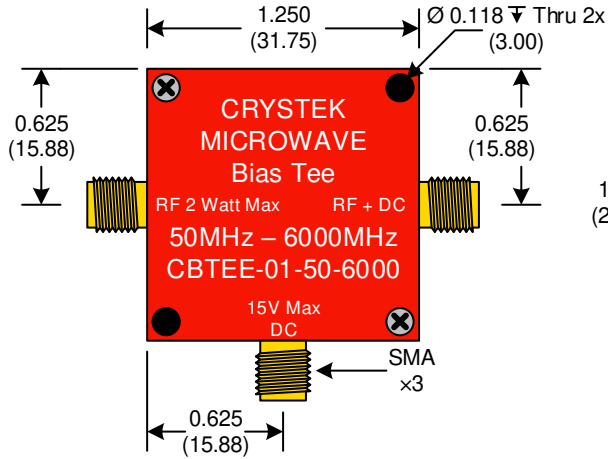
**Product Control:**

Crystek Part Number:	CBTEE-01-50-6000	Release Date:	04-Aug-2016
Revision Level:	B	Responsible:	C. Vales

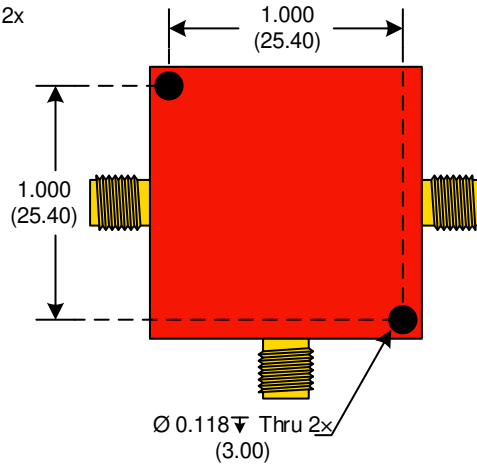




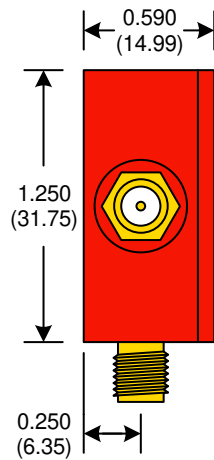
FRONT



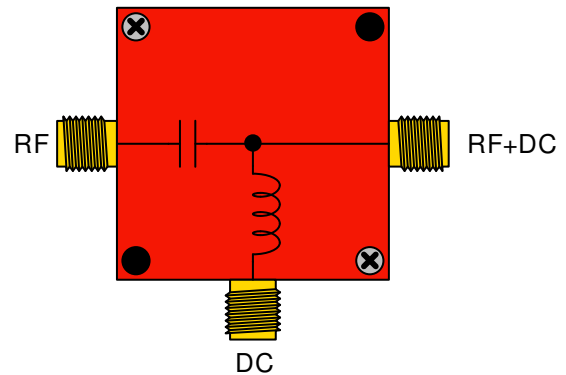
BACK



SIDE



SCHEMATIC

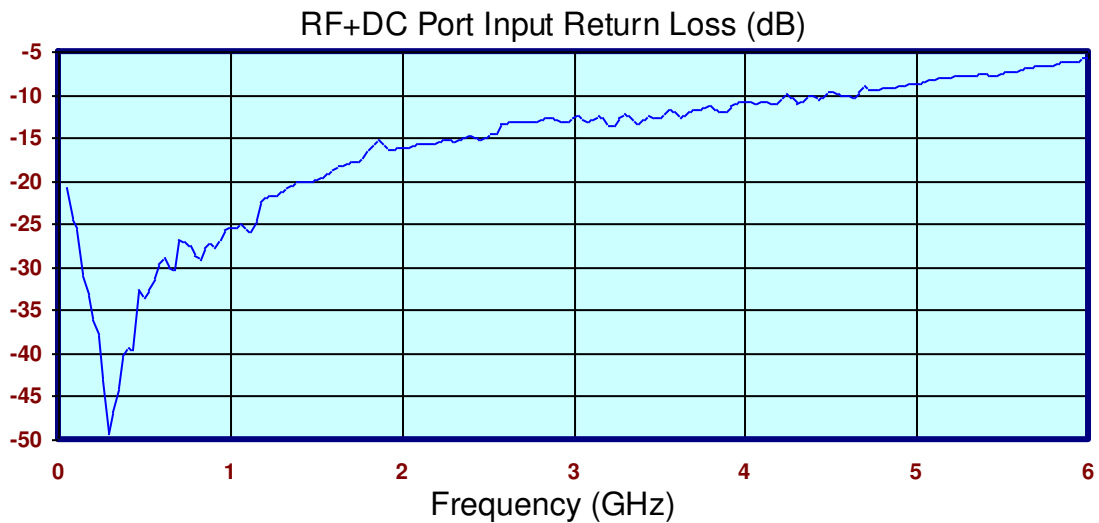
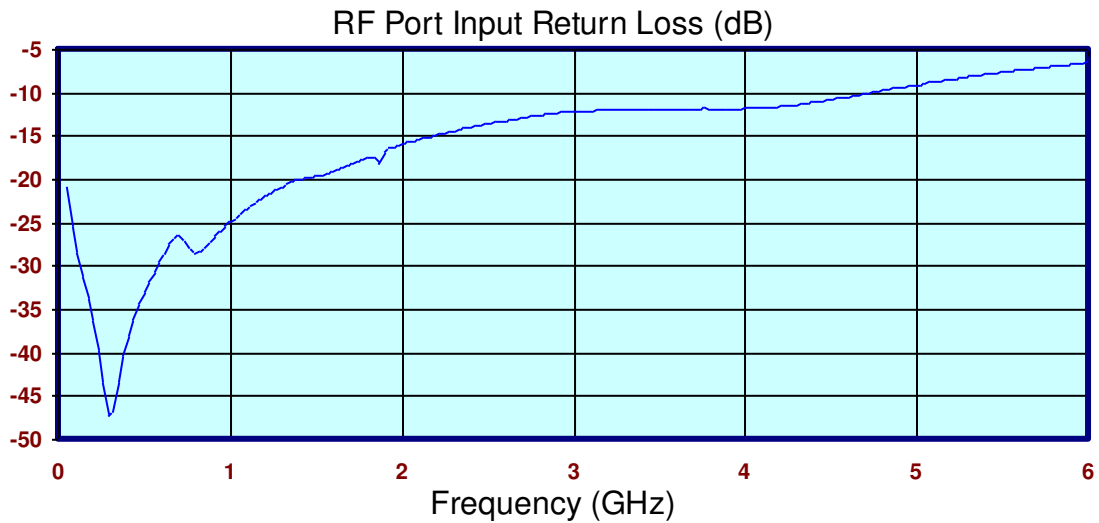
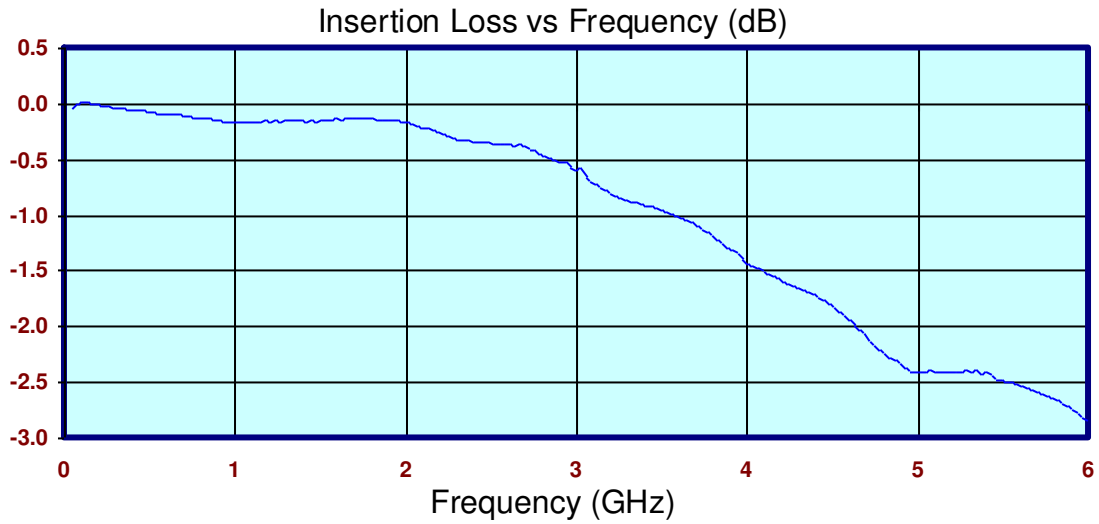
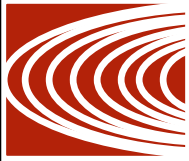


● Unless otherwise specified, Dimensions are in:  $\frac{IN}{(mm)}$

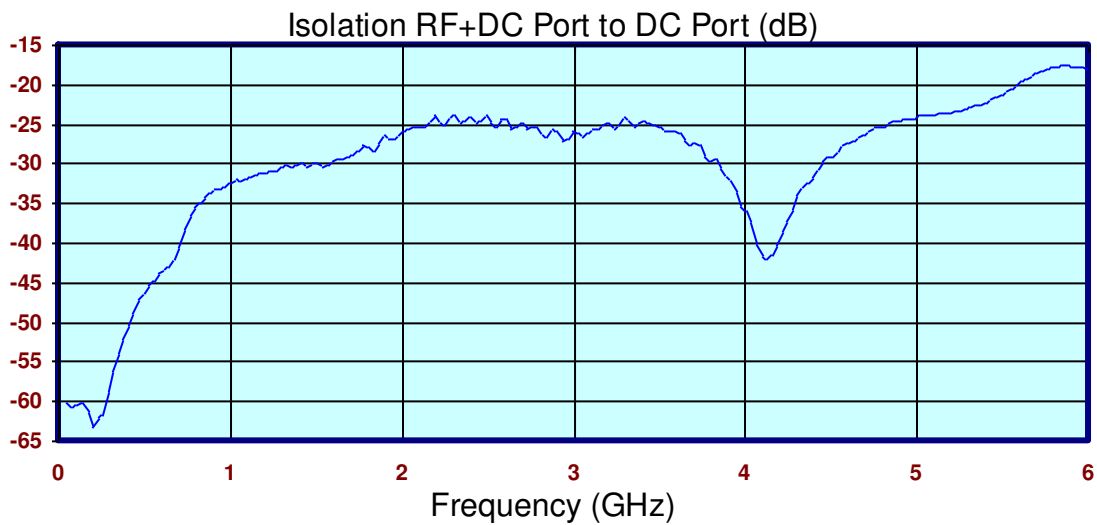
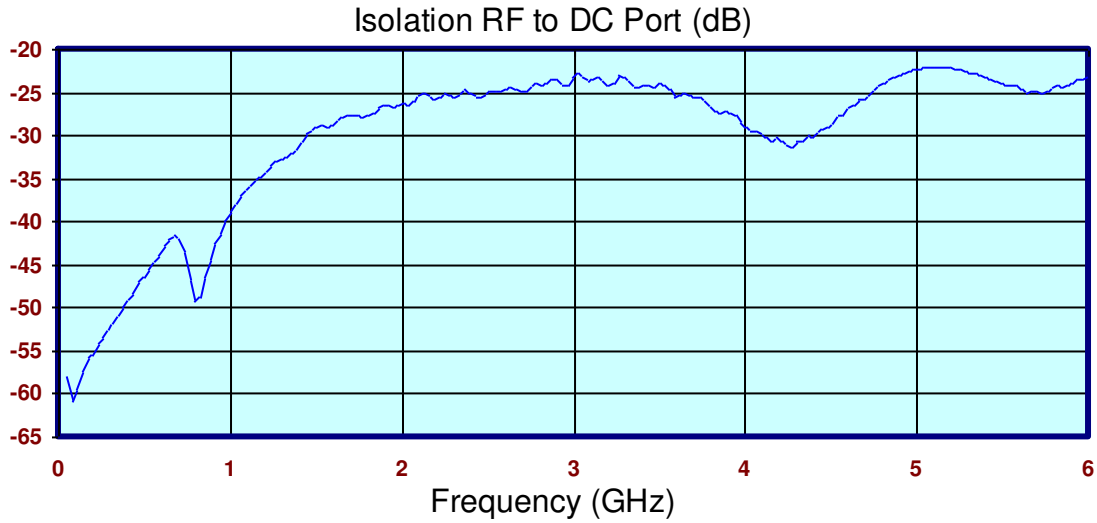
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