

"High Frequency Ceramic Solutions"

2.6 GHz Directional Coupler / Filter Combination

P/N 2600CF15A0200

Detail Specification: 08/12/08

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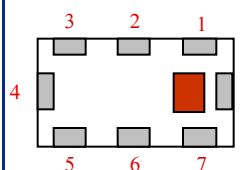
General Specifications

Part Number	2600CF15A0200
Frequency (MHz)	2500 - 2700
Attenuation (min.)	25 dB @ 2 x Fo
Insertion Loss	1 dB max.
Return Loss	16 dB min.
Coupling	20 ± 1 dB
Isolation	29 dB min.

Impedance	50 Ω
Operating and Storage Temp	-40 to +85°C
Reel Quantity	4,000

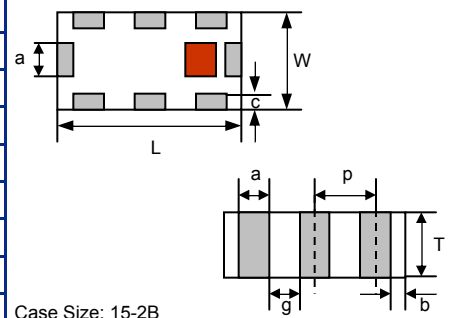
P/N	Packaging Style	Bulk	Suffix = S	Eg. 2600CF15A0200S
		T & R	Suffix = E	Eg. 2600CF15A0200E
Suffix	Termination	100% Tin	Suffix = None	Eg. 2600CF15A0200(E or S)
	Style	Tin / Lead	Suffix = /Pb	Eg. 2600CF15A0200(E or S)/Pb

Terminal Configuration	
No.	Function
1	Termination
2	GND
3	GND
4	Input
5	Coupled Out
6	GND
7	GND
8	Output



Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.027 ± 0.004	0.70 ± 0.10
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
p	0.026 ± 0.002	0.65 ± 0.05



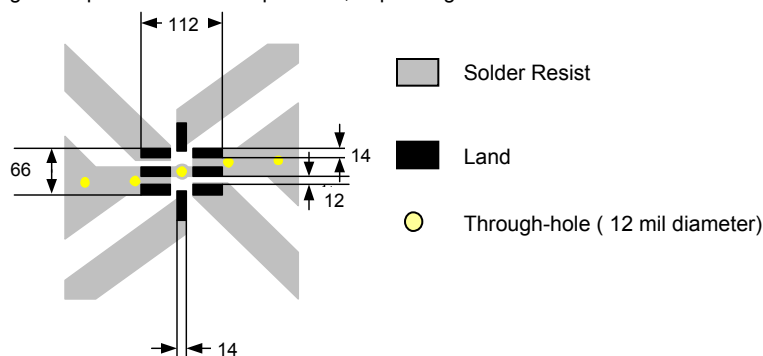
Case Size: 15-2B

Mounting Considerations

Mount these devices with brown mark facing up.

Line width should be designed to provide 50 ohm impedance, depending on PCB material and thickness

Units: mils



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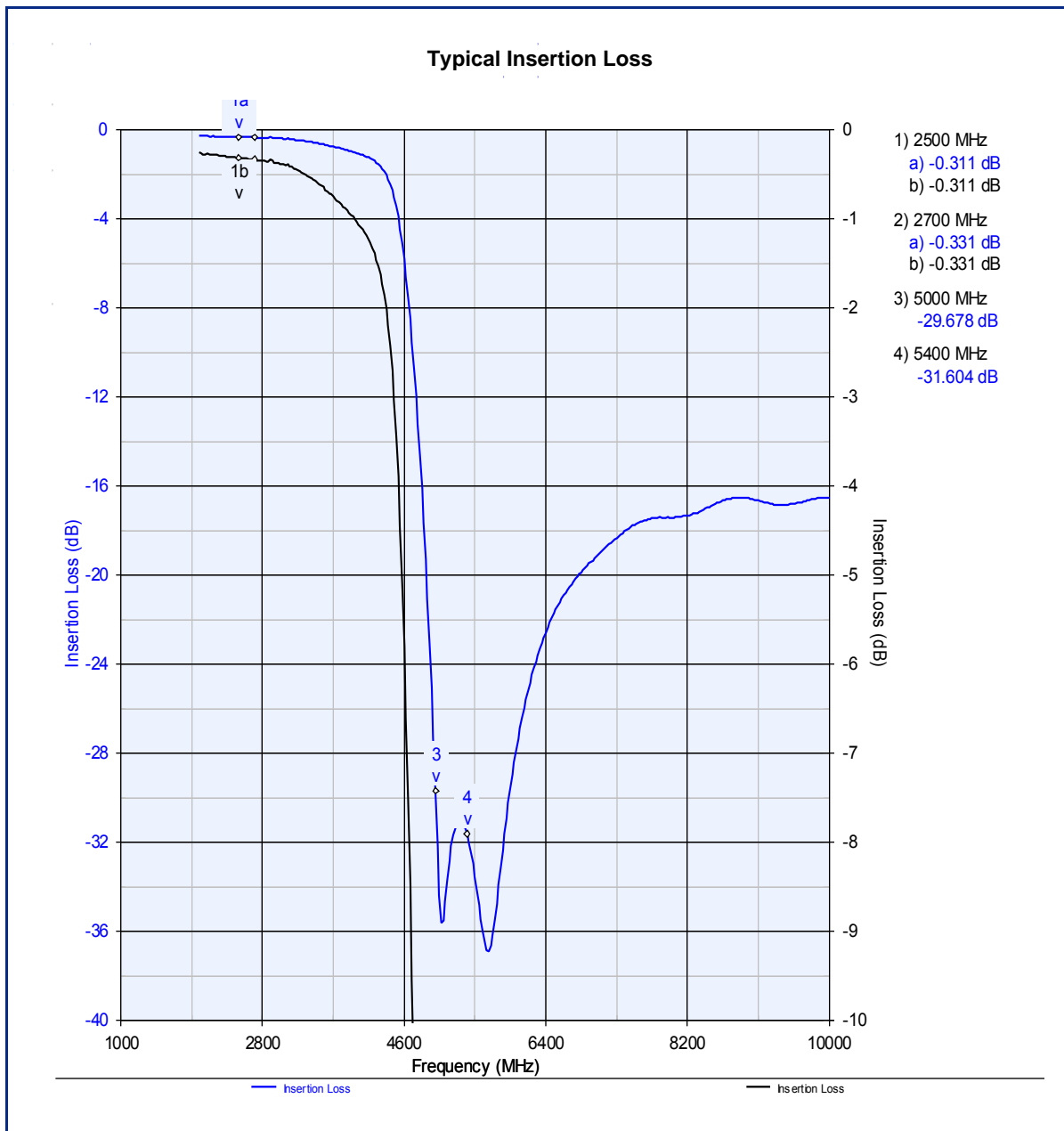
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Typical Electrical Performance (T=25°C)



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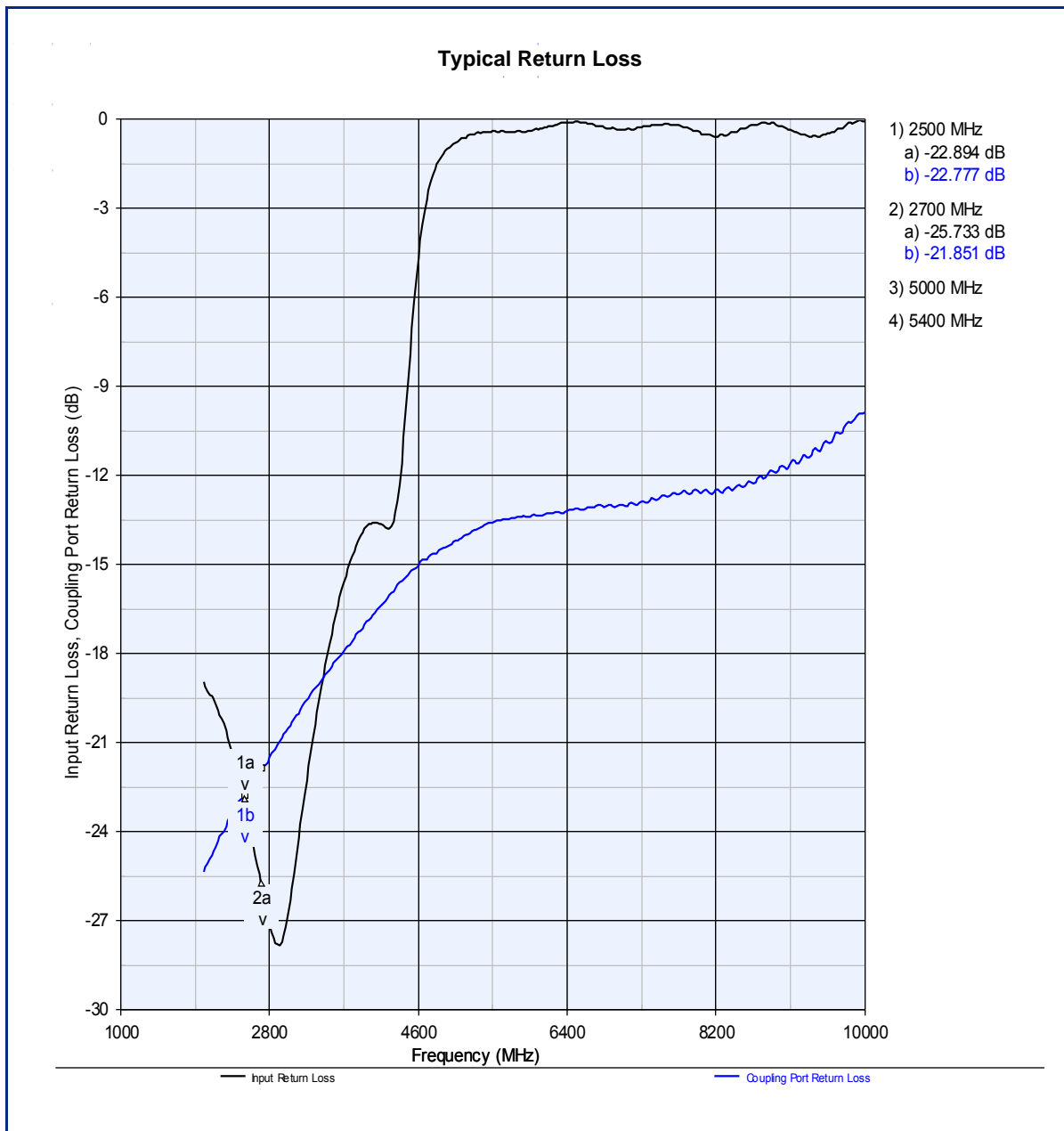
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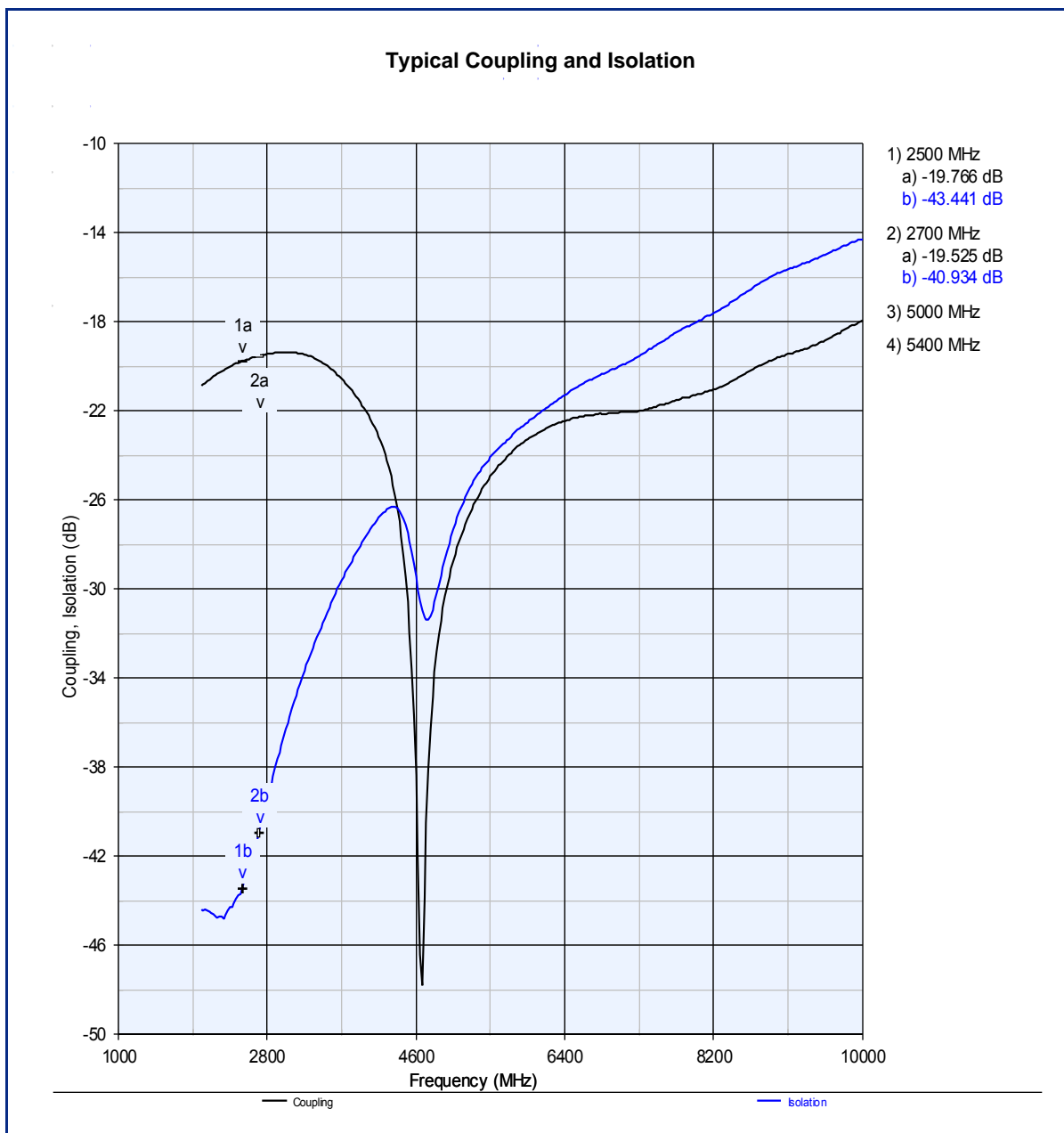
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