

# "High Frequency Ceramic Solutions"

**890 / 1850 MHz Diplexer (Enhanced Harmonic Rejection Type) P/N 0892DP14B1850**

Detail Specification: 08/02/04

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## General Specifications

<b>Part Number</b>	0892DP14B1850	
<b>Frequency (MHz)</b>	824 - 960	1710 - 1990
<b>Attenuation in Low Band Path</b>	0.6 dB max.	15 dB min.
<b>Attenuation in High Band Path</b>	20 dB min.	0.9 dB max.
<b>Pass-band Return Loss</b>	9.5 dB min.	9.5 dB min.

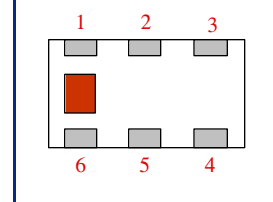
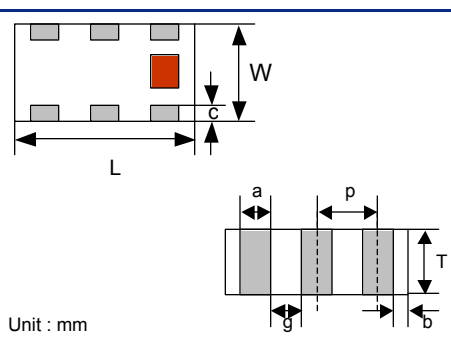
<b>Input Power</b>	3 Watts max.
<b>Impedance</b>	50 Ω
<b>Operating &amp; Storage Temp</b>	-40 to +85°C
<b>Reel Quantity</b>	4,000

## Terminal Configuration

No.	Function
1	Lower Freq. Port (P3)
2	GND
3	Higher Freq. Port (P1)
4	GND
5	Common Port (P2)
6	GND

## Mechanical Dimensions

	In	mm
<b>L</b>	0.063 ± 0.004	1.60 ± 0.10
<b>W</b>	0.031 ± 0.004	0.80 ± 0.10
<b>T</b>	0.024 ± 0.004	0.60 ± 0.10
<b>a</b>	0.008 ± 0.004	0.20 ± 0.10
<b>b</b>	0.008 +.004/-0.006	0.20 +0.1/-0.15
<b>c</b>	0.006 ± 0.004	0.15 ± 0.10
<b>g</b>	0.012 ± 0.004	0.30 ± 0.10
<b>p</b>	0.020 ± 0.002	0.50 ± 0.05

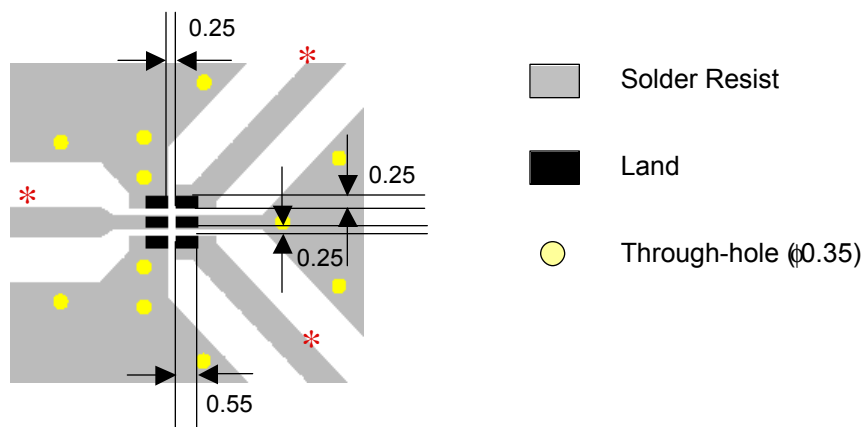


## Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



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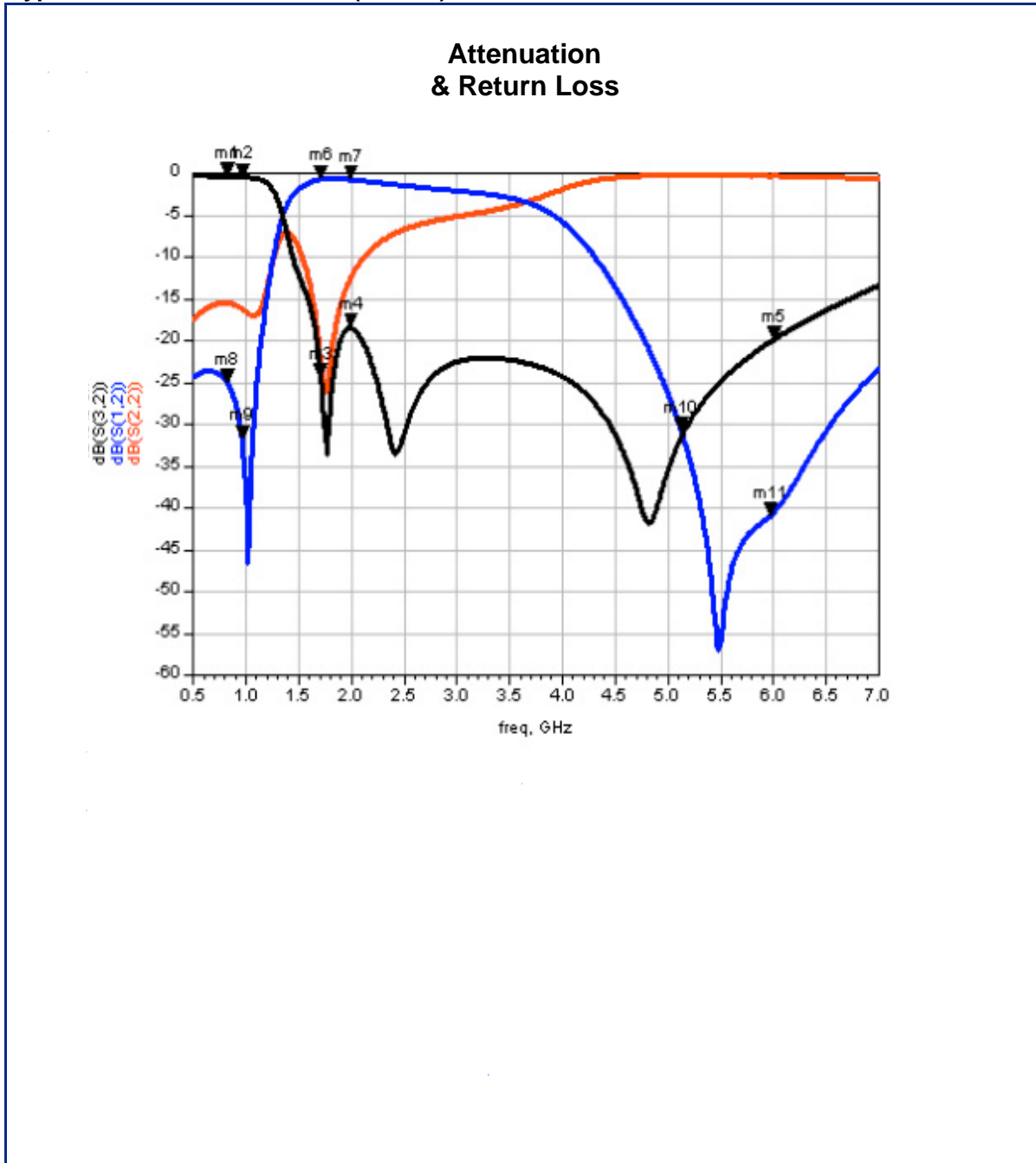
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Typical Electrical Performance (T=25°C)



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