"High Frequency Ceramic Solutions"

2.45 / 5.4GHz Diplexer **P/N 2450DP15J5400**

Detail Specification: 05/13/10

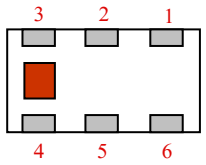
General Specifications

Part Number	2450DP15J5400

Passband (MHz)	Insertion Loss (dB)	Attenuation I	Attenuation II	Return Loss (dB)
2400~2500	0.7 max	18 dB min. @ 4.8 ~ 6.0 GHz	18 dB min. @ 7.2 ~ 7.5GHz	9.5 min.
4900~5900	1.0 max	19 dB min. @ 1.8 ~ 2.5 GHz	25 dB ref. @ 10.3 ~ 10.7GHz	9.5 min.

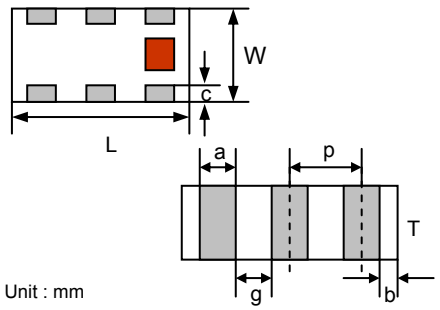
Input Power	2 Watts max.
Impedance	50 Ω
Operating Temp	-40 to +85°C
Storage Temp	+5 to +35°C, Humidity 45~75%RH, 12 mos max
Reel Quanity	4000

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



Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.022 ± 0.020	0.55 ± 0.50
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-.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

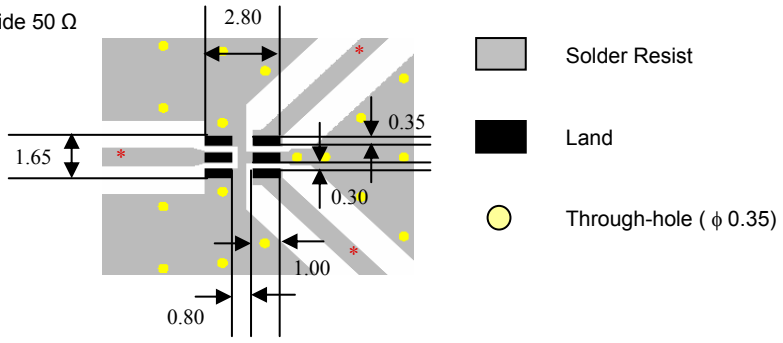


Mounting Considerations

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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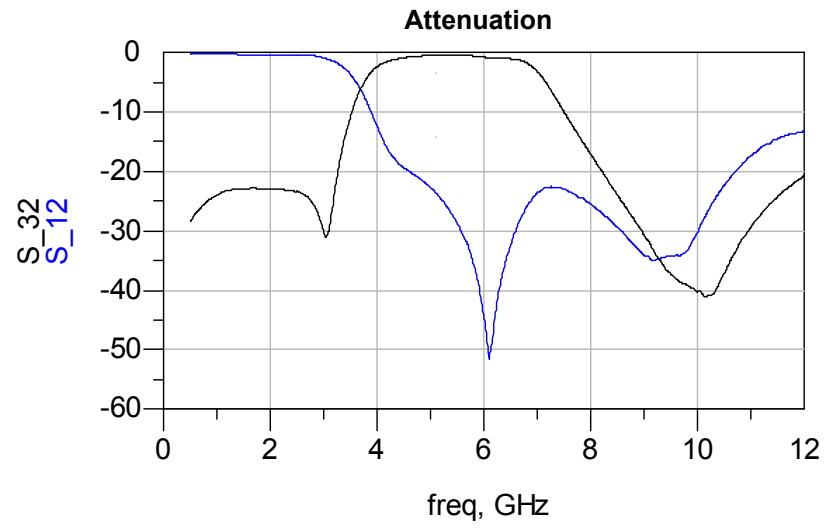
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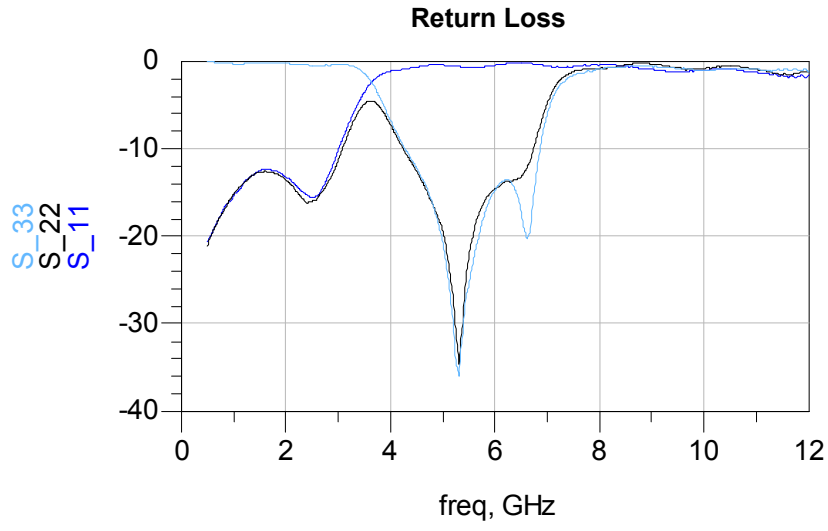
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2.45 / 5.4GHz Diplexer **P/N 2450DP15J5400**

Detail Specification: 05/13/10

Typical Electrical Performance (T=25°C)





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