

"High Frequency Ceramic Solutions"

Preliminary

869/1810 MHz Dual Low Pass Filter

P/N 0869LD14C1810

Detail Specification: 10/27/10

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General Specifications

Part Number	0869LD14C1810	
Frequency (MHz)	824 - 915	1710 - 1910
Insertion Loss	0.6 dB max.	0.6 dB max.
Return Loss	9.5 dB min.	9.5 dB min.
Attenuation (min.)	25 dB @ 2 x f o	22 dB @ 2 x f o
Attenuation (min.)	18 dB @ 3 x f o	20 dB @ 3 x f o

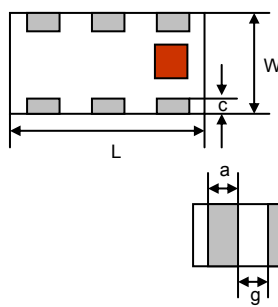
Impedance	50 Ω
Reel Quantity	4000
Input Power	0.5 Watts max.
Operating Temperature	-40 to +85°C
Storage Temperature	+5 ~ +35°C, Humidity 45-75%RH
Storage Period	12 months max.*

P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg.0869LD14C1810S
		T & R	Suffix = T	Eg. 0869LD14C1810T
	Termination Style	100% Tin	Suffix = None	Eg. 0869LD14C1810(S or T)
		Tin / Lead	Suffix = /Pb	Eg. 0869LD14C1810(S or T)/Pb

* - 1 yr shelf life in bag ;
1 week shelf life out of bag ;
Vacuum reseal unused reel

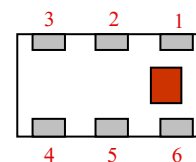
Mechanical Dimensions

	In	mm
L	0.063 $\pm$ 0.004	1.60 $\pm$ 0.10
W	0.031 $\pm$ 0.004	0.80 $\pm$ 0.10
T	0.014 $\pm$ 0.002	0.35 $\pm$ 0.05
a	0.008 $\pm$ 0.004	0.20 $\pm$ 0.10
b	0.008 $\pm$ 0.004	0.20 $\pm$ 0.10
c	0.006 $\pm$ 0.004	0.15 $\pm$ 0.10
g	0.012 $\pm$ 0.004	0.30 $\pm$ 0.10
p	0.020 $\pm$ 0.002	0.50 $\pm$ 0.05



Terminal Configuration

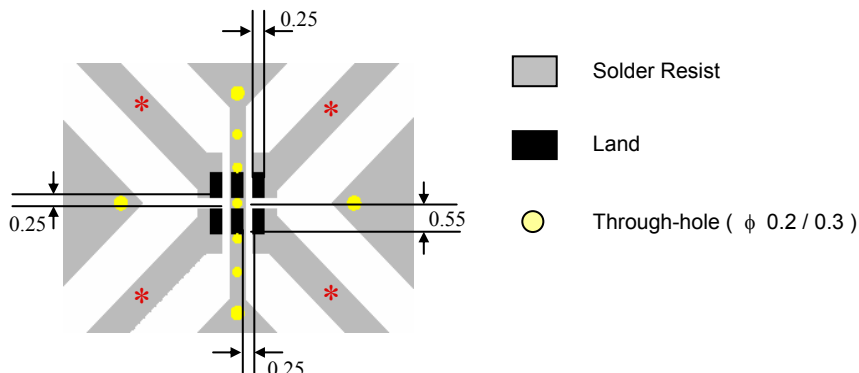
No.	Function
1	HB_IN
2	GND
3	LB_IN
4	LB_OUT
5	GND
6	HB_OUT



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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**JOHANSON
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www.johansontechnology.com

4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

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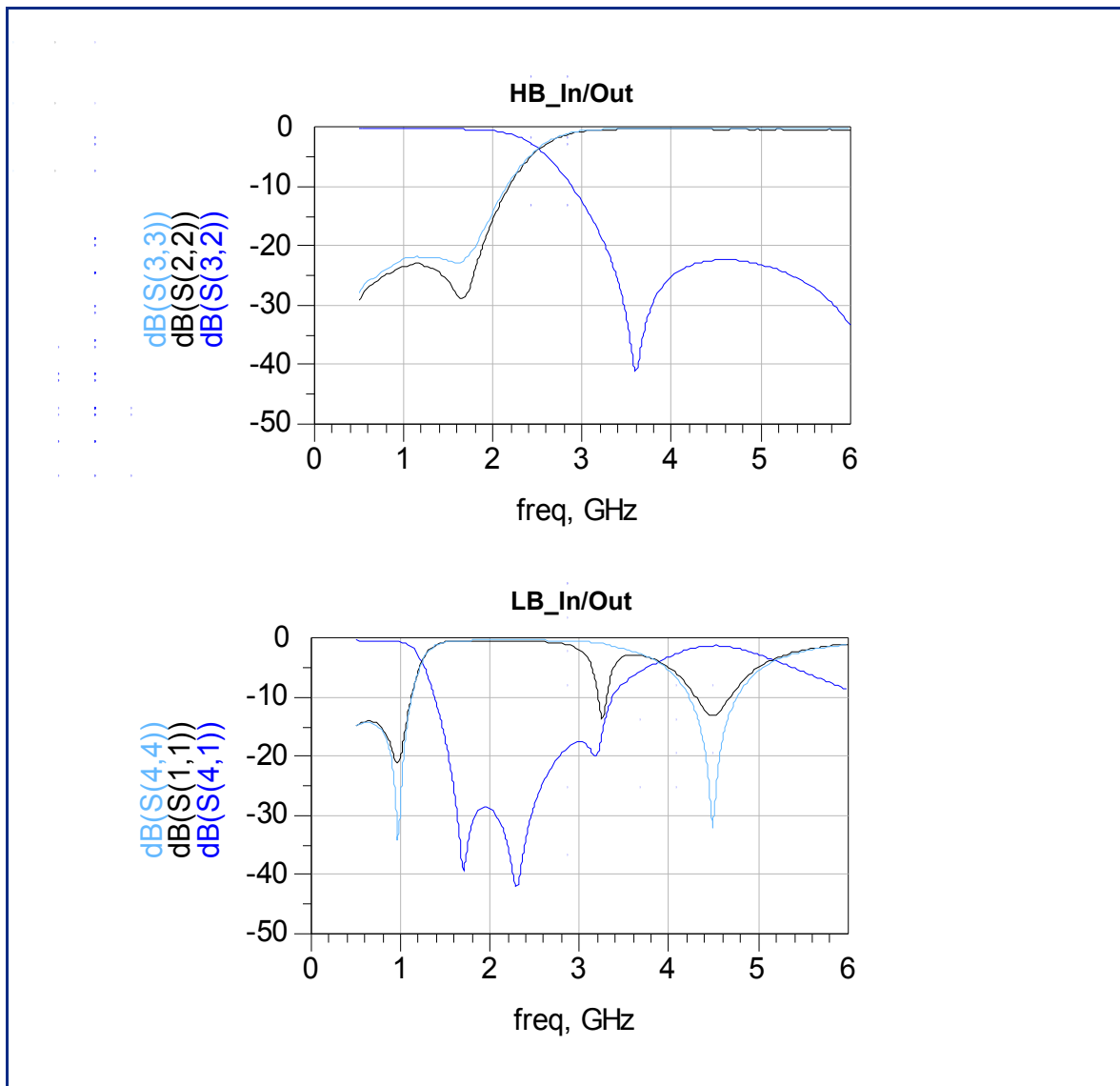
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Typical Electrical Performance (T=25°C)



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0869LD14C1810T