Pulse LARSEN Antennas

TECHNICAL DATA SHEET

Description: 1005 2.3-2.7GHz Balun

PART NUMBER: BLN1005LM39R2500A

Features:

- Compact size : 1.00x0.50x0.35mm
- RoHS compliant

Applications:

- WLAN, 802.11a/b/g/n
- Bluetooth
- ISM Band

ELECTRICAL SPECIFICATIONS

DESCRIPTION	Value		
Pass Band	2300~2690 MHz		
Unbalanced Impedance	50Ω		
balanced Impedance	100Ω		
Insertion Loss	0.55 dB (Max.) at 25°C 0.65 dB (Max.) at -40 ~ +85°C		
V.S.W.R / Return Loss	2.0(Max) / 10 dB (Min.)		
Phase Difference	180 ±17 degree		
Amplitude Difference	±3.7 dB (Max)		
Operating Temperature	-40 ~ +85℃		

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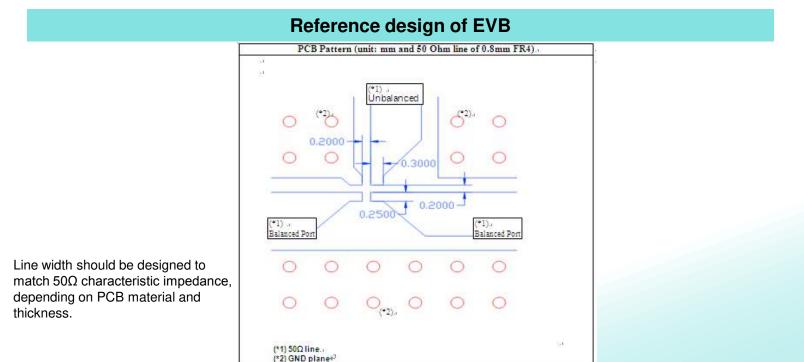
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MECHANICAL DIMENSION

Outline		Termination		<u>Mechanical</u>	
		Terminal name	function		Dimension
l ∢ ^L > l	له آ ما			L (mm)	1.00 ±0.10
		P1	Unbal.	W (mm)	0.50 ±0.10
	3	P2	GND	T (mm)	0.35 ±0.10
	-	P3	Balanced	P1 (mm)	0.30 ±0.10
P1 P2 8		P4	Balanced	P2 (mm)	0.30±0.10
01			P3 (mm)	0.30±0.10	
				P4 (mm)	0.30±0.10
			D1 (mm)	0.10±0.10	
			D2 (mm)	0.20±0.10	
				D3 (mm)	0.15 ±0.10



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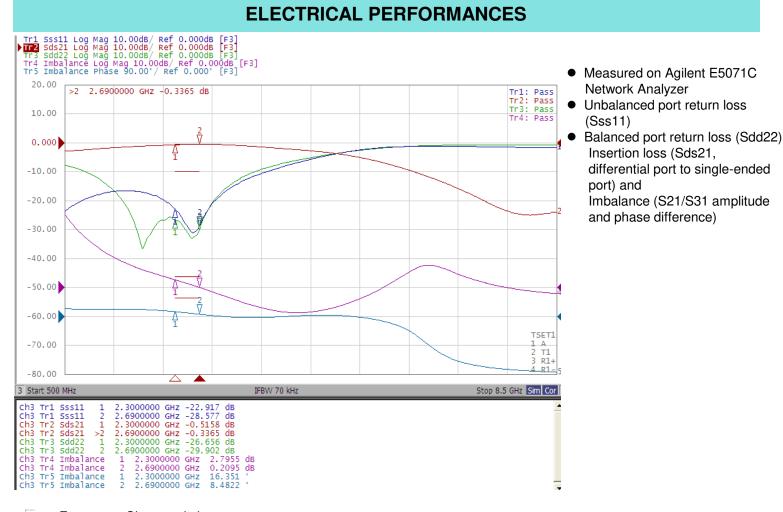
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Frequency Characteristics

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REVISION HISTORY					
Revision	Date	Description			
Version 1	Nov. 17, 2020	- New issue			

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