

Product: 20dB single Coupler

Part Number: LDC-10/67-20-1.8



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	10	-	67	GHz
2	Nominal Coupling		20		dB
4	Insertion Loss			2.3	db
5	Coupling Accuracy	-	-	± 1.2	dB
6	Coupling Sensitivity to Frequency	± 2	-		dB
7	Directivity	7			dB
8	VSWR	-	-	2.0	-
9	Power			20	W cw
10	Operating Temperature Range	-40	-	+85	°C
11	Impedance	-	50	-	Ω
12	Connector	1.85-F			
13	Preferred finish	Black/Sliver/yellow/green			

Remarks:

1.Include Theoretical loss 0.04db 2.Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+95°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions
Mechanical Specifications	
Housing	Aluminum
Connector	stainless steel
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	50g

成都利德尔科技有限公司 ChengDu Leader Microwave Technology Co.,Ltd

电话: 028-65199117 传真: 028-65199116

<http://www.leadermicrowave.com> sales@leader-mw.com

TEL: +86-28-65199117 FAX: +86-28-65199116

Add:中国 成都市成华区华翰路89号 610000

No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

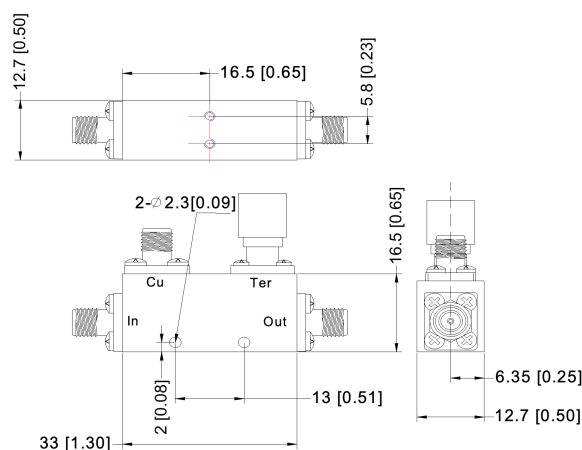
Outline Drawing:

All Dimensions in mm

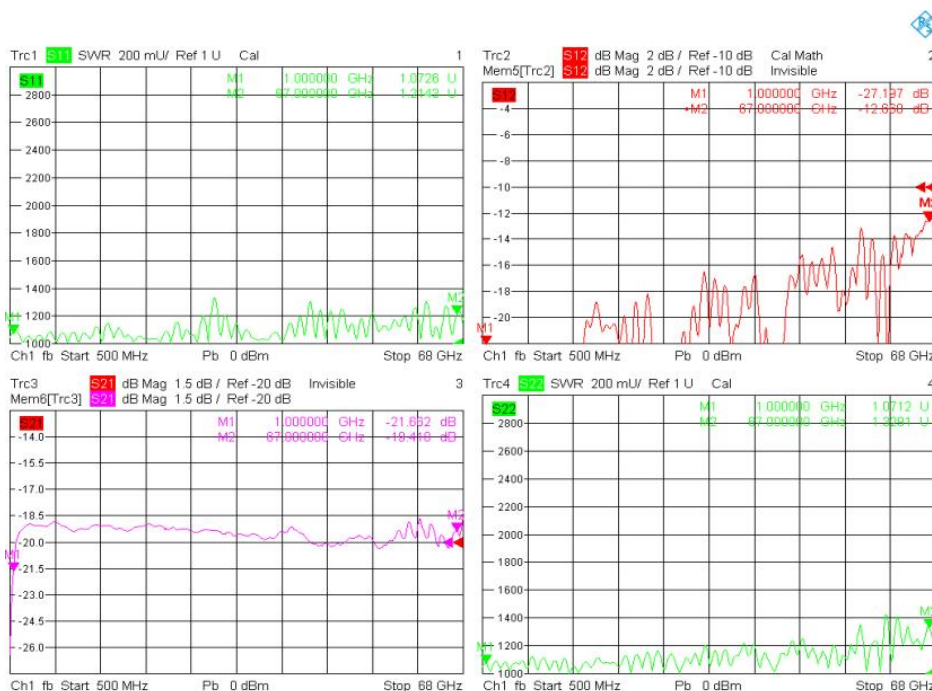
Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: 1.85-Female



TEST DATA



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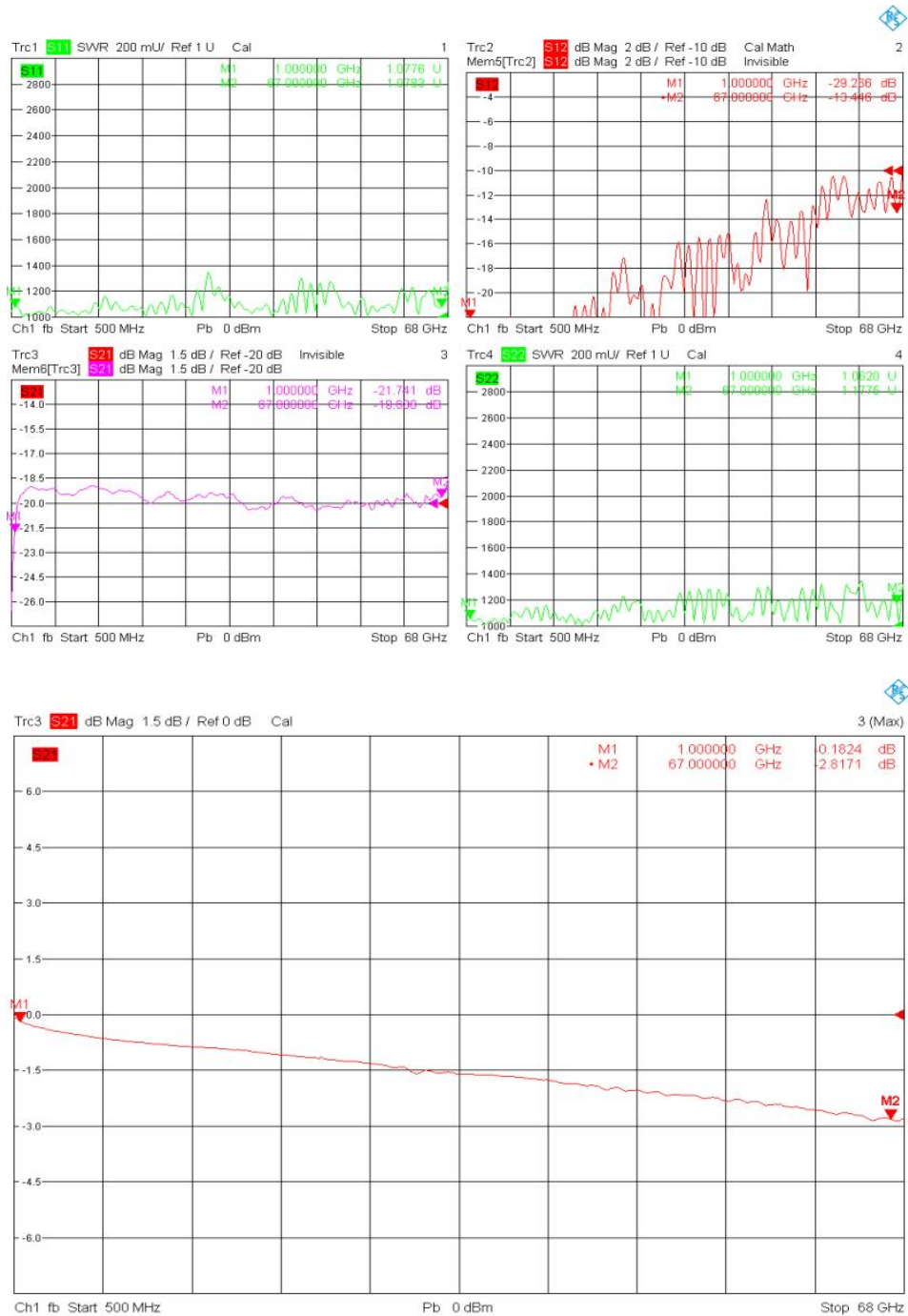
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