

Product: cavity duplexer



Part Number: LDX-19.45/29.25-2S

Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Pass band	17.7-21.2		27.5-31	GHz
2	Insertion Loss			1.0	dB
3	Rejection	$\geq 60\text{dB}@27.5-31\text{GHz}$, $\geq 60\text{dB}@17.7-21.2\text{GHz}$			dB
4	VSWR	-		1.5	-
5	Power			10w	W cw
6	Operating Temperature Range	-35	-	+50	°C
7	Impedance	-	50	-	Ω
8	Connecter	2.92-F			
9	Preferred finish	Black/sliver/			

Remarks:

.Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-35°C~+50°C
Storage Temperature	-50°C~+85°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 bronze
Rohs	compliant
Weight	0.18kg

Outline Drawing:

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Add: 中国 成都市成华区华翰路 89 号 610000

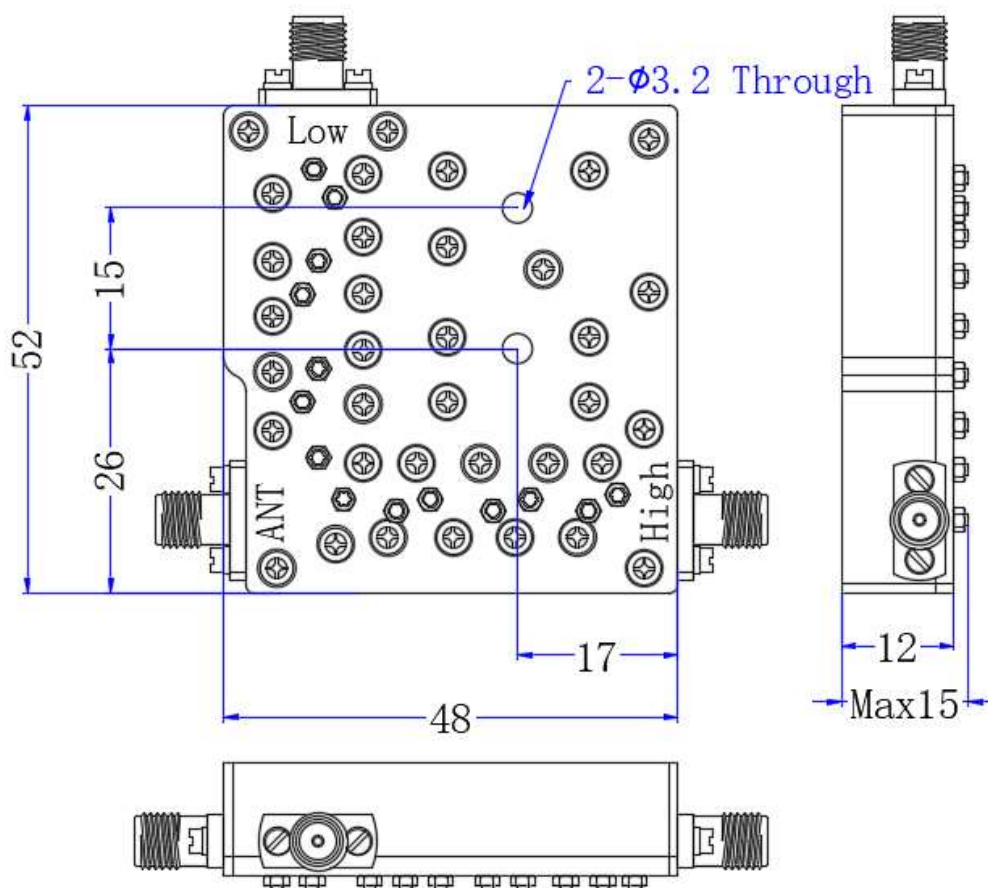
No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: 2.92-Female



Test data

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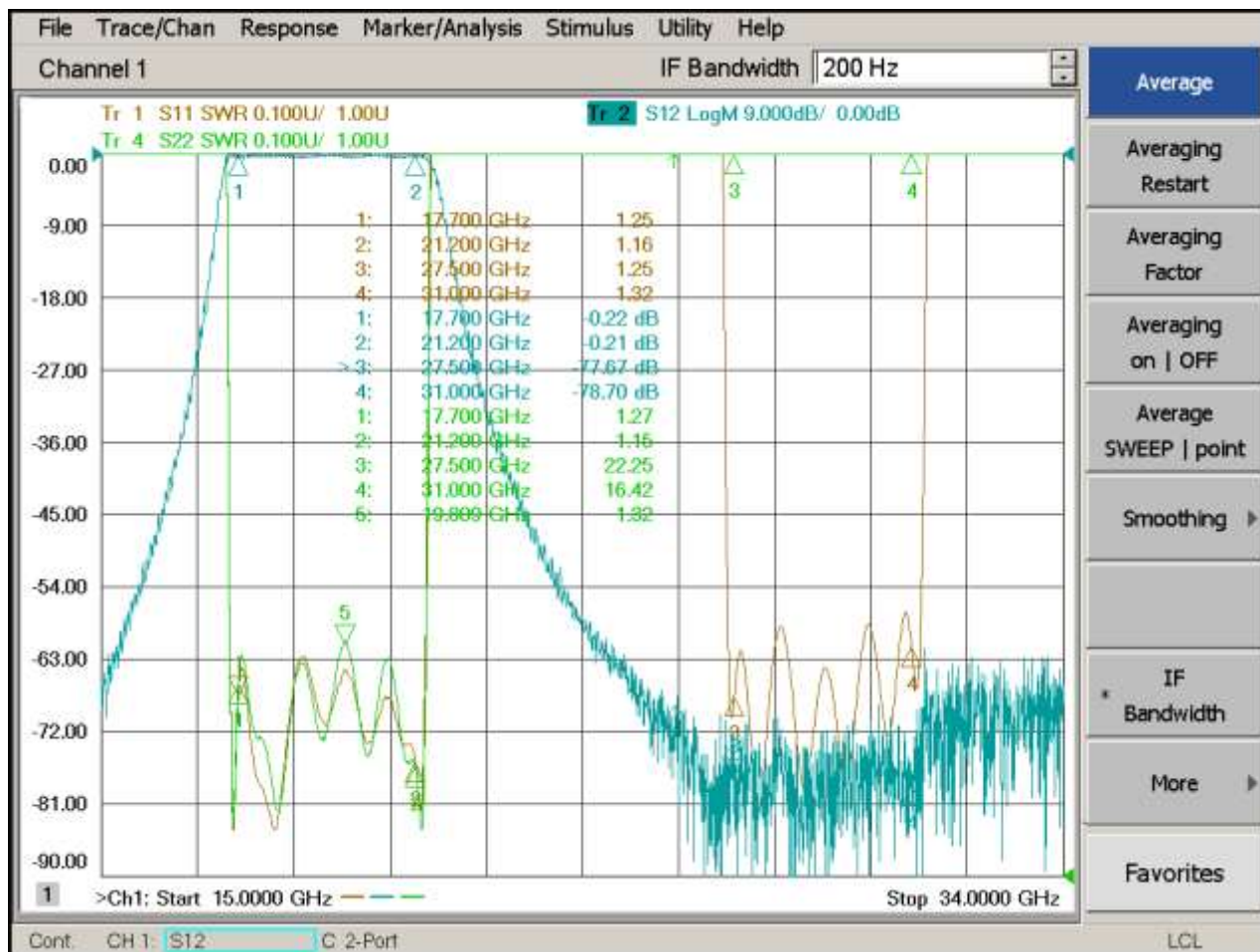
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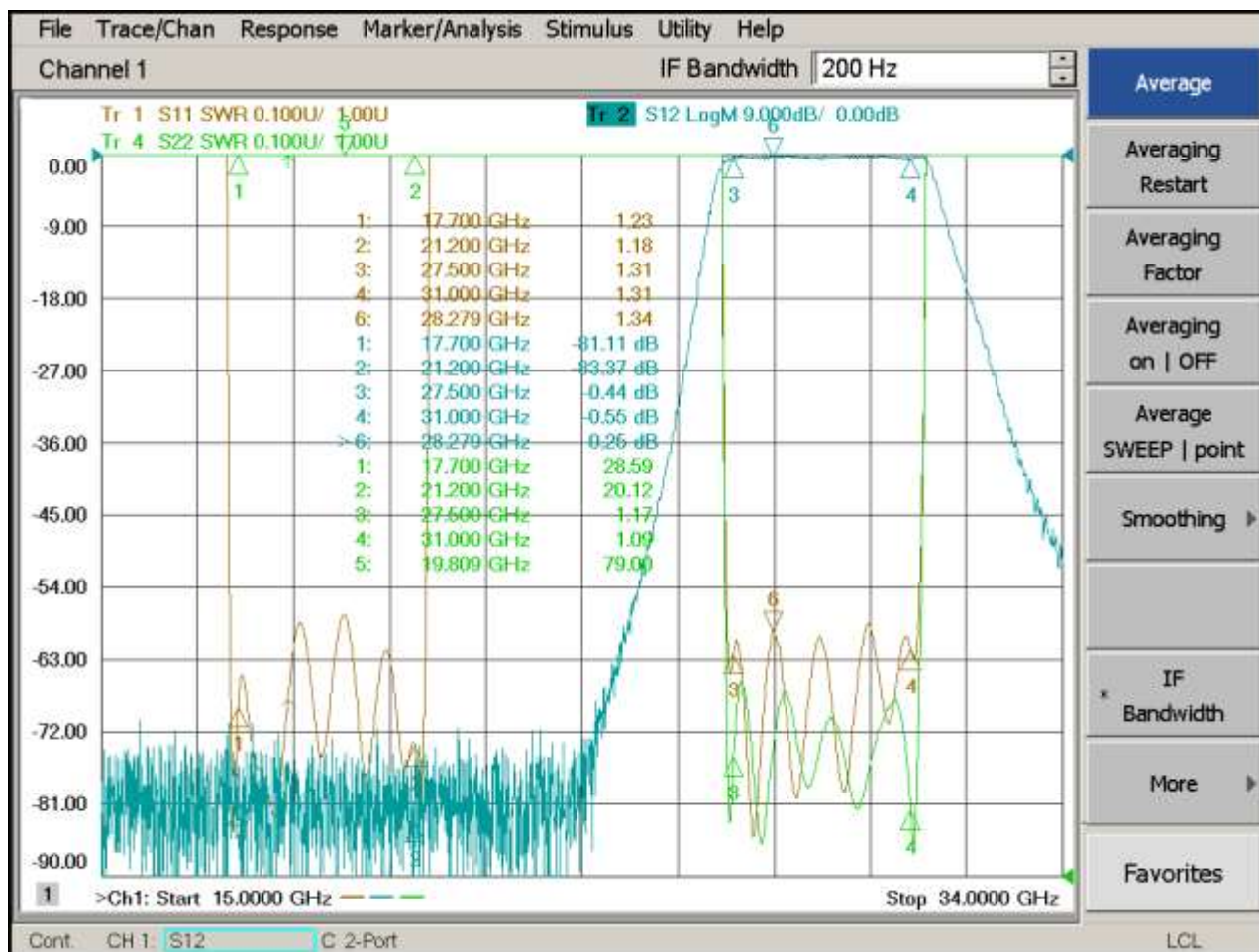
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