

Product: Helical Duplexer

Part Number: LDX-225/248-2S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Center Freq.		236.5		MHz
2	Pass band	225	-	248	Mhz
3	Insertion Loss at Center Freq.			2.5	dB
4	Rejection	≥50dB@248-270 MHz		≥50dB@225-242Mhz	dB
5	Return loss	-		15	-
6	Power			10w	W cw
7	Operating Temperature Range	-0	-	+60	°C
8	Impedance	-	50	-	Ω
9	Connector	SMA-F			
10	Preferred finish	black			

Remarks:

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

Environmental Specifications	
Operational Temperature	0°C~+60°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	ternary alloy three-part alloy
Female Contact:	gold plated beryllium bronze
Rohs	compliant
Weight	0.5kg

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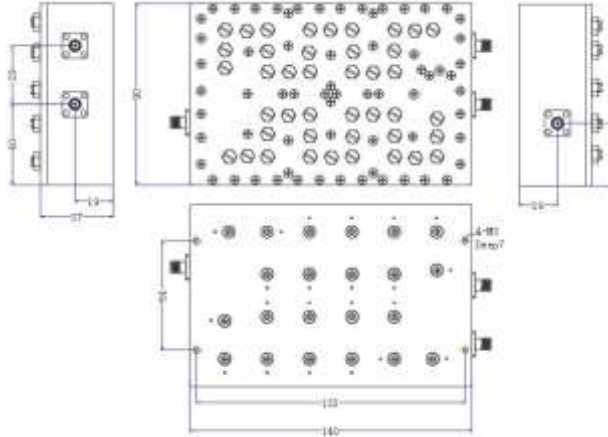
Outline Drawing:

All Dimensions in mm

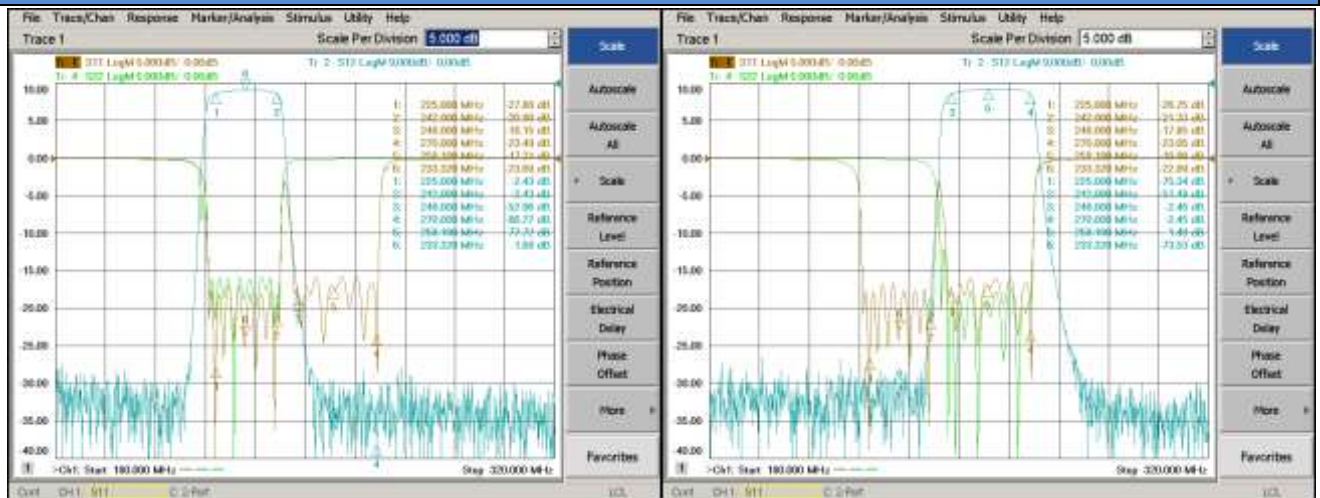
Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: SMA-Female



Test data



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