

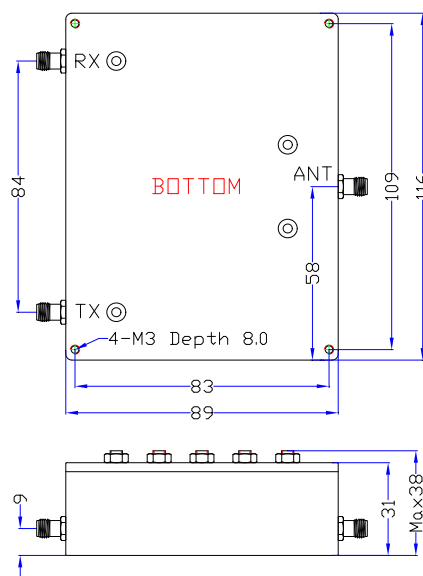
HXHLQ-H2A67

Cavity Diplexer

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	2480MHz	2500MHz
2	Pass Band Frequency	2475 ~ 2485MHz **	2499 ~ 2501MHz **
3	Pass Band Insertion Loss	≤2.0dB	≤2.0dB
4	Pass Band Ripple	≤1.0dB	≤0.8dB
5	Pass Band Return Loss	≥18dB	≥18dB
6	Isolation	≥60dB @ 2475 ~ 2485MHz , 2499 ~ 2501MHz	
7	Stop Band Rejection	≥70dB @ DC ~ 2350MHz , 2620 ~ 4500MHz	
8	Impedance	50 Ohms	
9	Power	100W Max.	
10	Connectors	SMA-Female	
11	Surface Finish	Painted Black	
12	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
13	Temperature Range	-20℃ ~ +60℃	
14	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
15	Dimensions	116*89*31mm	
16	Net weight	TBD	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.