

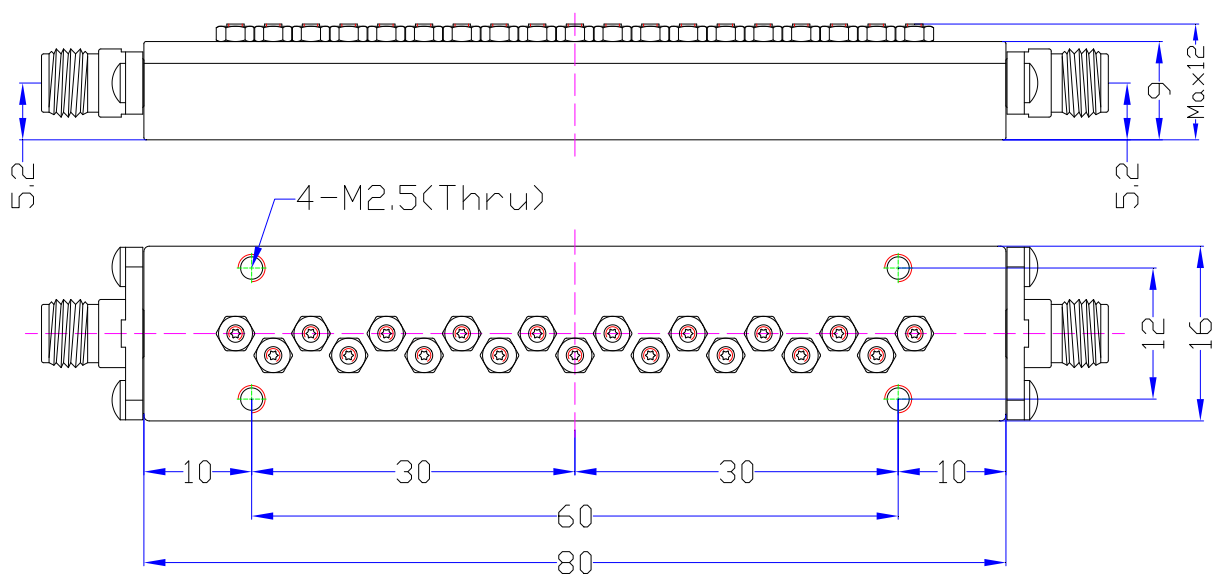
HXLBQ-DTA845

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8750MHz	
2	Pass Band Frequency	8200 ~ 9300MHz **	
3	Pass Band Insertion Loss	≤0.9dB	
4	Pass Band Ripple	≤0.4dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 7350MHz ≥70dB @ 7350 ~ 7500MHz ≥50dB @ 7500 ~ 7800MHz	≥50dB @ 9700 ~ 10000MHz ≥70dB @ 10000 ~ 10150MHz ≥80dB @ 10150 ~ 25000MHz
7	Impedance	50 Ohms	
8	Power	10W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	80*16*9mm	
14	Net weight	0.075 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



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