- **Model：HXLBQ-DTA645**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：1700~2200MHz**

★High Stop Band Rejection
★Low Pass Band Insertion Loss
★Customizable Design
★High Reliability

Technical Data Sheet

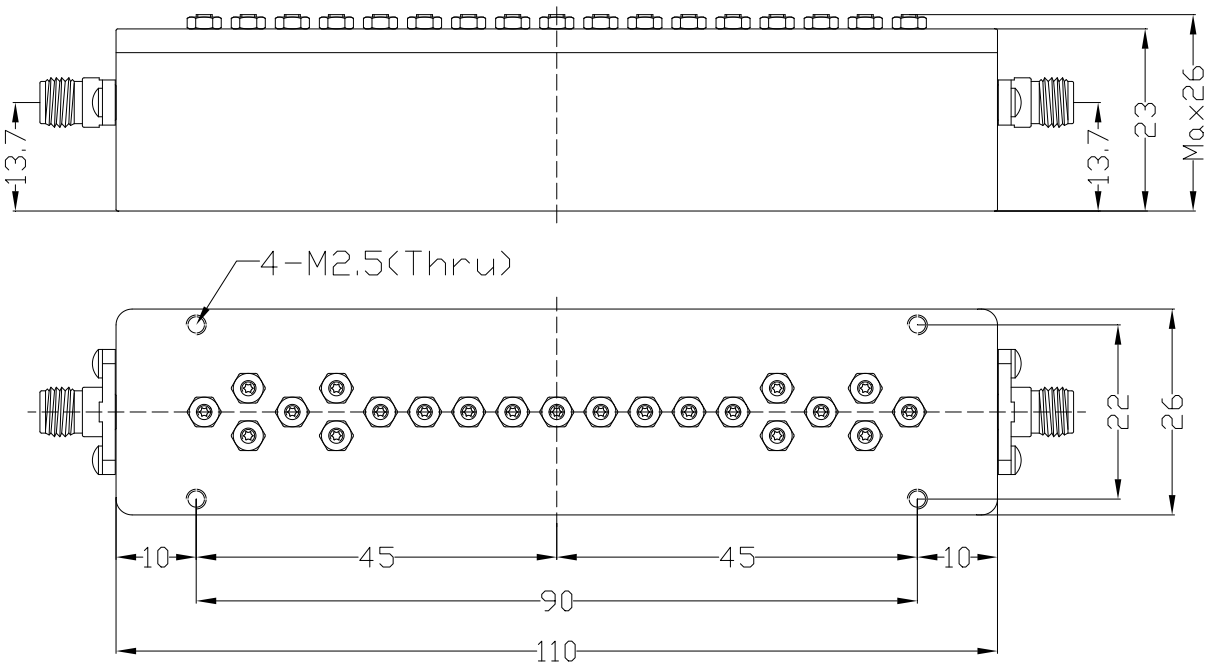
Item	Parameters
Center Frequency(F0)	1950MHz
Pass Band Frequency	1700 ~ 2200MHz **
Pass Band Insertion Loss	≤0.8dB
Pass Band Ripple	≤0.4dB
Pass Band Return Loss	≥20dB
Stop Band Rejection	≥70dB @ DC ~ 1200MHz ≥70dB @ 2500 ~ 6800MHz
Impedance	50 Ohms
Power Handling	20W Max.
Connectors	SMA-Female
Surface Finish	Painted Black
Temperature Range	-30℃ ~ +70℃
Net weight	TBD

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

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

Material

- Housing: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 110*26*26mm



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