- **Model：HXLBQ-DTA765**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：14900~15100MHz**

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

## Technical Data Sheet

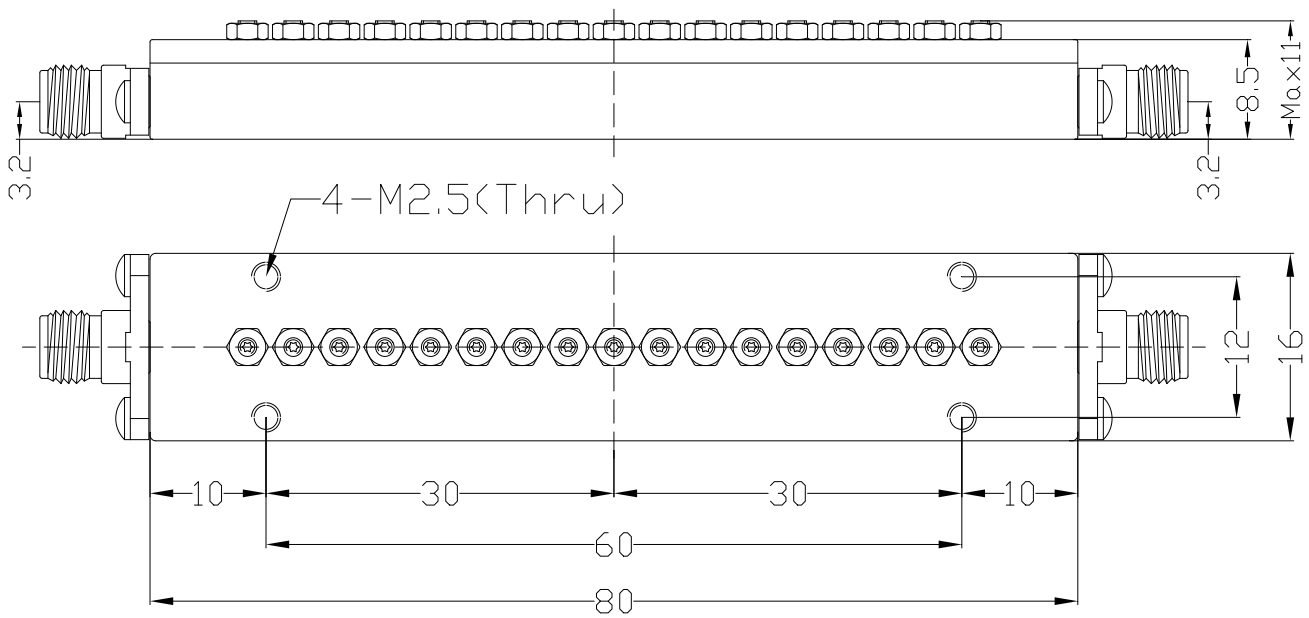
| Item | Parameters | |
|---|---|---|
| ● Center Frequency(F0) | 15000MHz | |
| ● Pass Band Bandwidth | ±100MHz (14900 ~ 15100MHz) | |
| ● Pass Band Insertion Loss | ≤1.2dB | |
| ● Pass Band Ripple | ≤0.35dB | |
| ● Pass Band Return Loss | ≥23dB | |
| ● Stop Band Rejection | ≥80dB @ DC ~ 14300MHz<br>≥50dB @ 14300 ~ 14500MHz | ≥50dB @ 15500 ~ 15700MHz<br>≥80dB @ 15700 ~ 28000MHz<br>≥50dB @ 28000 ~ 30000MHz |
| ● Impedance | 50 Ohms | |
| ● Power Handling | 10W Max. | |
| ● Connectors | SMA-Female | |
| ● Surface Finish | Painted Black | |
| ● Temperature Range | -30℃ ~ +70℃ | |
| ● Net weight | 0.075 KG | |

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: H62 Copper alloy
- ●Cover: H62 Copper alloy
- ●Tuning screw: H62 Copper alloy
- ●Connectors: Stainless Steel
- ●Working Environment: Indoor
- ●Dimensions: 80*16*11mm





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