

- **Model: HXLBQ-DTA828X**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1150~1400MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1275MHz
● 3.0dB Bandwidth	250MHz (1150 ~ 1400MHz) [Deviation: ±20MHz @ Temperature Range: +20°C ~ +30°C]
● Insertion Loss @ F0	≤1.0dB @ 1275MHz
● Return Loss	≥20dB @ 1175 ~ 1375MHz
● Stop Band Rejection	≥45dB @ DC ~ 1050MHz ≥45dB @ 1500 ~ 3000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

● **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: 145*38*30mm

