

# HXLBQ-DTA294

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1740MHz
2	Pass Band Frequency	1700 ~ 1780MHz
3	Pass Band Insertion Loss	≤1.8dB
4	Pass Band Ripple	≤1.2dB
5	Pass Band VSWR	≤1.3:1
6	Stop Band Rejection	≥40dB @ DC ~ 1690MHz      ≥40dB @ 1790 ~ 4000MHz
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy      Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy      Other screw: Stainless Steel
13	Dimensions	150*63*31mm
14	Net weight	TBD

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.7mm)

