

# HXLBQ-DTA417

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	14GHz						
2	Pass Band Frequency	10 ~ 18GHz						
3	Pass Band Insertion Loss	≤2.0dB						
4	Pass Band Ripple	≤1.2dB						
5	Pass Band Return Loss	≥17dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 7.7GHz</td> <td style="width: 50%;">≥50dB @ 18.5 ~ 18.8GHz</td> </tr> <tr> <td>≥50dB @ 7.7 ~ 8.8GHz</td> <td>≥80dB @ 18.8 ~ 25.5GHz</td> </tr> </table>	≥80dB @ DC ~ 7.7GHz	≥50dB @ 18.5 ~ 18.8GHz	≥50dB @ 7.7 ~ 8.8GHz	≥80dB @ 18.8 ~ 25.5GHz		
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7	Impedance	50 Ohms						
8	Power Handling	5W Max.						
9	Connectors	ø0.5*2mm PIN (SMA-Female Removable)						
10	Surface Finish	Painted Black						
11	Temperature Range	-30℃ ~ +70℃						
12	Material	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: H62 Copper alloy</td> <td style="width: 50%;">Connectors: Stainless Steel</td> </tr> <tr> <td>Cover: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2">Tuning screw: H62 Copper alloy</td> </tr> </table>	Housing: H62 Copper alloy	Connectors: Stainless Steel	Cover: H62 Copper alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
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13	Dimensions	90*20*11mm						
14	Net weight	TBD						

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

