

# WT-A9289-Q15

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	26GHz						
2	Pass Band Bandwidth	2.0GHz (25 ~ 27GHz)						
3	Pass Band Insertion Loss	≤1.6dB						
4	Pass Band Ripple	≤0.55dB						
5	Pass Band Return Loss	≥20dB						
6	Stop Band Rejection	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">≥80dB @ DC ~ 24.3GHz</td> <td style="width: 50%; border: none;">≥60dB @ 27.5 ~ 27.7GHz</td> </tr> <tr> <td style="border: none;">≥60dB @ 24.3 ~ 24.5GHz</td> <td style="border: none;">≥80dB @ 27.7 ~ 47.5GHz</td> </tr> </table>	≥80dB @ DC ~ 24.3GHz	≥60dB @ 27.5 ~ 27.7GHz	≥60dB @ 24.3 ~ 24.5GHz	≥80dB @ 27.7 ~ 47.5GHz		
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7	Impedance	50 Ohms						
8	Power Handling	5W Max.						
9	Connectors	2.92mm(K)-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Material	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Housing: H62 Copper alloy</td> <td style="width: 50%; border: none;">Connectors: Stainless Steel</td> </tr> <tr> <td style="border: none;">Cover: H62 Copper alloy</td> <td style="border: none;">Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2" style="border: none;">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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Tuning screw: H62 Copper alloy								
13	Dimensions	80*16*8.5mm						
14	Net weight	0.08 KG						

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

