

WT-A9282-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	2472MHz						
2	Pass Band Bandwidth	26MHz (2459 ~ 2485MHz)						
3	Pass Band Insertion Loss	≤2.0dB						
4	Pass Band Ripple	≤1.0dB						
5	Pass Band Return Loss	≥16dB						
6	Stop Band Attenuation	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥60dB @ DC ~ 2402MHz</td> <td style="width: 50%;">≥40dB @ 2494 ~ 2542MHz</td> </tr> <tr> <td>≥40dB @ 2402 ~ 2450MHz</td> <td>≥60dB @ 2542 ~ 6000MHz</td> </tr> </table>	≥60dB @ DC ~ 2402MHz	≥40dB @ 2494 ~ 2542MHz	≥40dB @ 2402 ~ 2450MHz	≥60dB @ 2542 ~ 6000MHz		
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7	Impedance	50 Ohms						
8	Power	10W Max.						
9	Connectors	N-Male / N-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Waterproof	IP67						
13	Material	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: 6061 Aluminum alloy</td> <td style="width: 50%;">Resonant column: H59 Copper alloy</td> </tr> <tr> <td>Cover: LY12 Aluminum alloy</td> <td>Connectors: H59 Copper, Plated ternary alloy</td> </tr> <tr> <td>Tuning screw: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> </table>	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
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14	Dimensions	156*88*35mm						
15	Net weight	0.907 KG						

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

