

WT-A6770-Q05

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	8550MHz						
2	Pass Band Bandwidth	200MHz (8450 ~ 8650MHz)						
3	Pass Band Insertion Loss	≤1.0dB						
4	Pass Band Ripple	≤0.25dB						
5	Pass Band VSWR	≤1.22:1						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">$\geq 75\text{dB @ DC} \sim 7600\text{MHz}$</td> <td style="width: 50%;">$\geq 65\text{dB @ } 9300 \sim 9700\text{MHz}$</td> </tr> <tr> <td></td> <td>$\geq 80\text{dB @ } 9700 \sim 28000\text{MHz}$</td> </tr> </table>	$\geq 75\text{dB @ DC} \sim 7600\text{MHz}$	$\geq 65\text{dB @ } 9300 \sim 9700\text{MHz}$		$\geq 80\text{dB @ } 9700 \sim 28000\text{MHz}$		
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7	Impedance	50 Ohms						
8	Power	5W Max.						
9	Connectors	ø0.5*2mm Needle (SMA-Female Removable)						
10	Surface Finish	The Original Silver Color						
11	Temperature Range	-40°C ~ +85°C						
12	Material	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: H62 Copper alloy</td> <td style="width: 50%;">Connectors: H59 Copper, Plated ternary alloy</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: H59 Copper, Plated ternary alloy	Cover: H62 Copper alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
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Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	50*16*9mm						
14	Net weight	0.05 KG						

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

