

WT-A7768-Q12

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	955.5MHz						
2	Pass Band Frequency	949 ~ 962MHz						
3	Pass Band Insertion Loss	≤3.0dB						
4	Pass Band Ripple	≤2.2dB						
5	Pass Band Return Loss	≥18dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥35dB @ DC ~ 945MHz</td> <td style="width: 50%;">≥25dB @ 964 ~ 966MHz</td> </tr> <tr> <td>≥25dB @ 945 ~ 947MHz</td> <td>≥35dB @ 966 ~ 3500MHz</td> </tr> </table>	≥35dB @ DC ~ 945MHz	≥25dB @ 964 ~ 966MHz	≥25dB @ 945 ~ 947MHz	≥35dB @ 966 ~ 3500MHz		
≥35dB @ DC ~ 945MHz	≥25dB @ 964 ~ 966MHz							
≥25dB @ 945 ~ 947MHz	≥35dB @ 966 ~ 3500MHz							
7	Impedance	50 Ohms						
8	Power Handling	20W Max.						
9	Connectors	SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	+10°C ~ +30°C						
12	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: Stainless Steel</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: Stainless Steel	Tuning screw: H62 Copper alloy	Other screw: Stainless Steel
Housing: 6061 Aluminum alloy	Resonant column: H59 Copper alloy							
Cover: LY12 Aluminum alloy	Connectors: Stainless Steel							
Tuning screw: H62 Copper alloy	Other screw: Stainless Steel							
13	Dimensions	149*112*41mm						
14	Net weight	0.81 KG						

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

