

CAVITY MULTIPLEXER

PART NO. : WV-5MUL-LPF01

◆ APPLICATION

> 6 Band System

◆ FEATURE

> High Reliability
> RoHS Compliant

◆ ELECTRICAL SPECIFICATION

- 5INPUT -> OUT 1

ITEM	SPECIFICATION				
Direction	Input 1	Input 2	Input3	Input4	Input5
Frequency Range(MHz)	1805-1920	2010-2025	2110-2170	2400-2484	2500-2700
Insertion Loss	1.0dB Max	1.0dB Max	1.0dB Max	1.0dB Max	1.2dB Max @2500~2550MHz 1.0dB Max @2600~2700MHz
Attenuation	50dB Min	50dB Min	50dB Min	30dB Min	30dB Min
Return Loss	15dB Min	15dB Min	15dB Min	15dB Min	15dB Min
IN/OUT Impedance	50Ohms Nominal				
Power	50W CW Max per Input				

- LPF IN -> OUT 2

ITEM	SPECIFICATION
Direction	Input LPF IN
Frequency Range(MHz)	DC-494MHz
Insertion Loss	0.5dB Max
Attenuation	50dB Min @ 1805MHz ~ 3000MHz
Return Loss	14dB Min
IN/OUT Impedance	50Ohms Nominal
Power	70W CW Max

◆ ENVIRONMENTAL SPECIFICATION

ITEM	SPECIFICATION
Operating Temperature Range	-20°C to +70°C

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MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	175.0 x 107.0 x 62.0 (unit:mm)
Mounting Points	See Outline Drawing
RF Connector	All port : N Female Connector
Connector Position	See Outline Drawing
Finish	Black Color Spray Coating

OUTLINE DRAWING

