

## WVC-1087.5B-4M01

### Product Feature

- High Reliability
- RoHS Compliant
- for 1025MHz ~ 1150MHz BPF Band System

### Electrical Specifications

<b>Tunable Frequency range</b>	1025~1150MHz
<b>Bandwidth at tuned frequency (Fc)</b>	3 MHz min – 4 MHz max
<b>Insertion Loss at tuned frequency</b>	2.0 dB max; 1.5 dB goal
<b>Return Loss at tuned frequency</b>	20 dB min
<b>3dB Bandwidth</b>	10MHz Max
<b>Ripple over the bandwidth at tuned frequency</b>	1 dB max
<b>Attenuation</b>	80 dB min from 5 MHz – (Fc-63 MHz) 80 dB min from (Fc + 63 MHz) – 2800 MHz
<b>Input Power</b>	50 W average power max
<b>In/Out Impedance</b>	50 Ohms Nominal

### Environmental Specifications

<b>Operating Temperature</b>	-20°C to +60°C
------------------------------	----------------

### Mechanical Specifications

<b>Dimension (WxDxH)</b>	2.5" x 2.6" x 4.0" (Unit: inch) (63.5x66.0x101.6 mm)
<b>Mounting Points</b>	Refer to Outline drawing
<b>RF Connector</b>	SMA Female
<b>Connector Position</b>	See Outline Drawing
<b>Finish</b>	Black Color Epoxy Coating

# Cavity BPF

## Outline Drawing

