

## PART NO. : WVC-1493.4B35-ER-01

### ◆ APPLICATION

> for 1500MHz Band System

### ◆ FEATURE

> High Reliability  
> **RoHS Compliant**

### ◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	1475.9MHz ~ 1510.9MHz
Insertion Loss	0.5dB Max
Flatness	0.5dB Max (Within any 20 MHz sub band of the pass band)
Return Loss	15.0dB Min
Rejection	50dB Min @1427.9MHz ~ 1462.9MHz
In/Out Impedance	50 Ohms nominal
Power Handling(CW)	100 Watts
Maximum Peak Power	Peak to average @10%: 4 dB Peak to average @1%: 6 dB Peak to average @ 0.1%: 7dB Peak to average @ 0.01%: 8dB Peak to average @ 0.001%: 8.5dB Crest factor: 10 dB (duration of the maximum peaks is about 100 us)
Third order intermodulation	<-130dBc Min with two +43dBm tones

### ◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	+18°C to +40°C

### ◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	150.0 mm x 100.0 mm x 100.0 mm
RF Connector	N Female Connector
Finish	Black color epoxy coating

## ◆ OUTLINE DRWAING

