

CUSTOMER :

## SPECIFICATION SHEET

ITEM : 1700MHz ~ 2200MHz Isolator

Part No : WVI-1950M-500BW02-S

| SUPPLIER | Written | Checked | Approved |
|----------|---------|---------|----------|
|          |         |         |          |

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## ◆ REVISION HISTORY

| AUTHORS | DATE          | REVISION | NOTE        |
|---------|---------------|----------|-------------|
| J.Y. Jo | 2010. 10. 22. | 00       | First Draft |
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# ISOLATOR(Coaxial)

Rev. No.00  
Date : 2010. 10. 22.

## **PART NO. : WVI-1950M-500BW02-S**

### ◆ APPLICATION

> 1700MHz ~ 2200MHz System

### ◆ FEATURE

> High Reliability  
> **RoHS Compliant**

### ◆ ELECTRICAL SPECIFICATION

| ITEM                       | SPECIFICATION   |
|----------------------------|-----------------|
| Frequency Range ( MHz)     | 1700 ~ 2200     |
| Insertion Loss             | 0.4dB Max       |
| VSWR                       | 1.2:1 Max       |
| Isolation(dB)              | 20dB Min        |
| Forward Power( $w_{max}$ ) | 200W            |
| Reverse Power( $w_{max}$ ) | 100W            |
| Impedance                  | 50 Ohms Nominal |

### ◆ ENVIRONMENTAL SPECIFICATIONS

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

### ◆ MECHANICAL SPECIFICATIONS

| ITEM               | SPECIFICATION                         | Note                           |
|--------------------|---------------------------------------|--------------------------------|
| Dimension          | 30.0 x 45.0 x 20.0 Max (Unit:mm)      | Tolerance : $\pm 0.2\text{mm}$ |
| Mounting Points    | See Outline Drawing                   |                                |
| RF Connector       | Input/Out Port : SMA Female Connector |                                |
| Connector Position | See Outline Drawing                   |                                |

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## ◆ OUTLINE DRWAING

