

## PART NO. : WVC-827.5B-43M02

### ◆ APPLICATION

> for use in 806MHz ~ 849MHz Band System

### ◆ FEATURE

> High Reliability  
> **RoHS Compliant**

### ◆ ELECTRICAL SPECIFICATION

| ITEM                   | SPECIFICATION                          |
|------------------------|----------------------------------------|
| Frequency Range        | 806MHz ~ 849MHz                        |
| Insertion Loss         | 1.5dB Max                              |
| Rejection              | 25dB Min @ 804MHz<br>25dB Min @ 851MHz |
| VSWR                   | 1.4:1 Max                              |
| Average Power Handling | 100W CW Max                            |

### ◆ ENVIRONMENTAL SPECIFICATIONS

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

### ◆ MECHANICAL SPECIFICATIONS

| ITEM               | SPECIFICATION                 |
|--------------------|-------------------------------|
| Dimension          | 231.0 x 96.0 x 45.0 (mm)      |
| Mounting Points    | See Outline Drawing           |
| RF Connector       | All Port : N Female Connector |
| Connector Position | See Outline Drawing           |
| Finish             | Black color epoxy coating     |

## ◆ OUTLINE DRAWING

