

# HYBRID COUPLER

## PART NO. : WVH-4X4-D-02

### ◆ APPLICATION

> 698MHz ~ 2,690MHz Band System

### ◆ FEATURE

> High Reliability  
> **RoHS Compliant**

### ◆ ELECTRICAL SPECIFICATION

| ITEM                  | SPECIFICATION                               |
|-----------------------|---------------------------------------------|
| Frequency Range (MHz) | 698 ~ 2,690                                 |
| Dissipative Loss      | 0.3dB Max                                   |
| Coupling Value        | 6.0dB±0.9dB                                 |
| Return Loss           | 23.0dB Min                                  |
| Isolation             | 25dB Min                                    |
| PIMD                  | 150.0dBc Min, 160dBc Typ. @ 2x43dBm(2-tone) |
| Input Power           | 160W CW Max,80Watts per port                |
| In/Out Impedance      | 50 Ohms Nominal                             |

### ◆ ENVIRONMENTAL SPECIFICATIONS

| ITEM                        | SPECIFICATION        |
|-----------------------------|----------------------|
| Operating Temperature Range | -20°C to +70°C, IP68 |

### ◆ MECHANICAL SPECIFICATIONS

| ITEM               | SPECIFICATION                                      |
|--------------------|----------------------------------------------------|
| Dimension          | 150.3 x 150.3 x 30.0 Max (Unit:mm)                 |
| Mounting Points    | See Outline Drawing                                |
| RF Connector       | All Ports : 7/16 DIN Female Connector              |
| Connector Position | See Outline Drawing                                |
| Finish             | Black Color Epoxy Coating<br>Marking : White Color |

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## ◆ OUTLINE DRWAING

