

## Directional Coupler

# Gwave®

50Ω 2.92mm 10dB Directional Coupler(0.5 ~ 40G)

**GDC-10-005400**

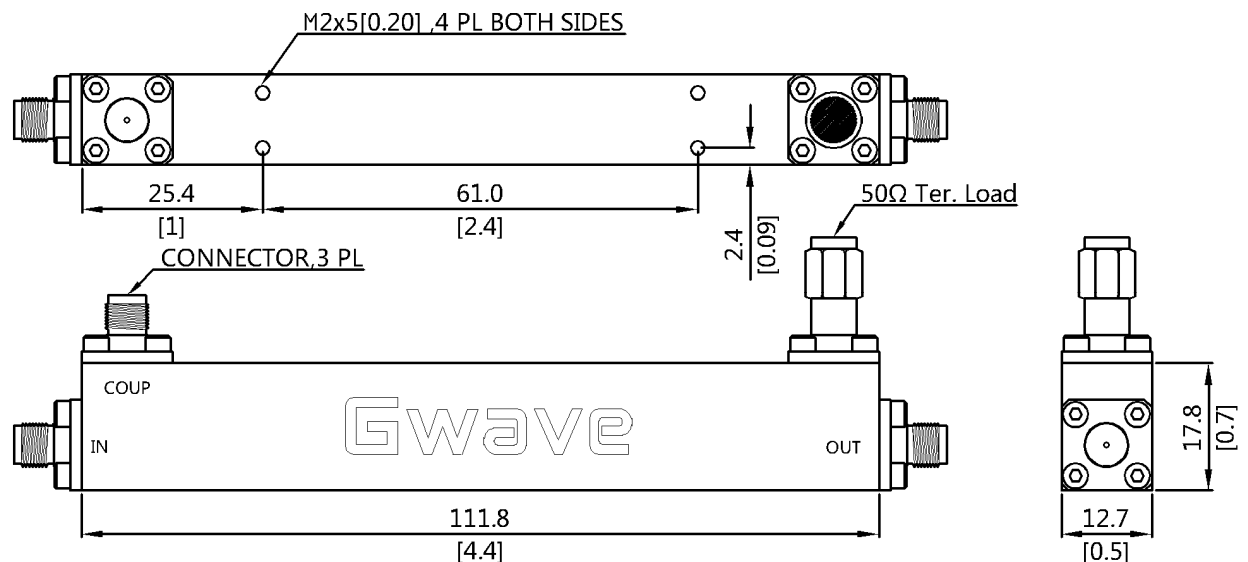
### Electrical Specifications

|                             |          |
|-----------------------------|----------|
| Frequency Range, GHz        | 0.5 ~ 40 |
| Impedance, Ohms             | 50       |
| Nominal Coupling[dB]        | 10±1     |
| Frequency Flatness Max.[dB] | ±1.5     |
| Main VSWR Max.              | 1.7      |
| Coupling VSWR Max.          | 1.8      |
| Insertion Loss Max.[dB]     | 2.9      |
| Directivity Min.[dB]        | 11       |
| CW Power Max.[W]            | 20       |
| Peak Power Max.[kW]         | 3        |

### Mechanical Specifications

|                         |            |
|-------------------------|------------|
| Conn.Type               | 2.92mm(F)  |
| Weight Max[g]           | 90         |
| Operating Range deg.[C] | -55 ~ +105 |
| Color                   | Black      |

### Outline Drawing



### Notes

- Insert loss does not include theoretical coupling insert loss[0.46dB].
- Compliant MIL-STD-810G environment test standard.