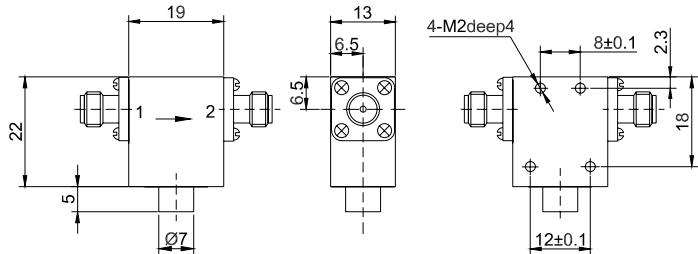


**Isolator with 11dB Isolation from 6GHz to 18GHz | 10 Watts with SMA Female**

**P/N: GIS060180-SMF**



Dimensions are in mm



## Product Configuration

|                               |          |
|-------------------------------|----------|
| Connector-In Series           | SMA      |
| Connector-In Polarity         | Standard |
| Connector-In Gender           | Female   |
| Connector-In Impedance (Ohm)  | 50       |
| Connector-Out Series          | SMA      |
| Connector-Out Polarity        | Standard |
| Connector-Out Gender          | Female   |
| Connector-Out Impedance (Ohm) | 50       |

## Mechanical Data

|                             |                    |
|-----------------------------|--------------------|
| Weight (g)                  | 26.5               |
| Body Material               | Aluminum           |
| Body Plating                | Oxidation          |
| Connector In Body Material  | Brass              |
| Connector In Body Plating   | Gold               |
| Connector Out Body Material | Brass              |
| Connector Out Body Plating  | Gold               |
| External body material      | Nickel plated iron |

**Isolator with 11dB Isolation from 6GHz to 18GHz | 10 Watts with SMA Female**

P/N: **GIS060180-SMF**

**Electrical Specifications**

|                          |            |
|--------------------------|------------|
| VSWR / Return Loss       | ≤1.80      |
| Insertion Loss           | ≤ 1.5dB    |
| Power, Max Input (Watts) | 10         |
| Frequency Range          | 6GHz~18GHz |
| Isolation Min.(dB)       | 11         |

**Environmental Specifications**

|                             |                  |
|-----------------------------|------------------|
| RoHS Compliant              | Yes              |
| Operating Temperature Range | -30 °C to +70 °C |
| Storage Temperature Range   | -40 °C to +85 °C |

**Test Data**

