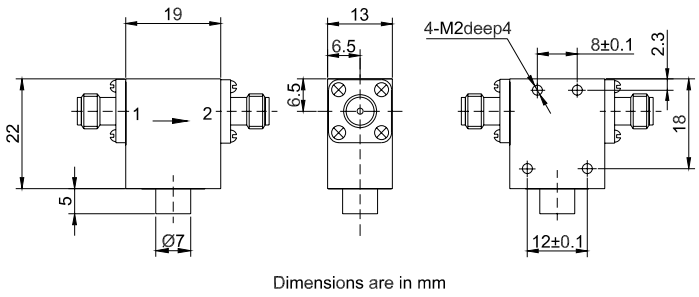
# Datasheet

## 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 |


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# 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 |

## Enviromental Specifications

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

## Test Data

