# **TMRJ-HF18G11240-S** RF Rotary Joint Slip Ring, Single Channel DC~18GHz, OD 12.7mm, SMA Female

### **FEATURES**

- Low Contact Resistance
- Large Volume Data Transmission without Delay

成都巨人微波

TITAN MICROWAVE INC.

A Professional RF & Microwave Components Supplier -

Long Lifetime

## **APPLICATIONS**

- Radar Antennas
- Satellite Communication Systems
- Medical Treatment Equipment
- Robotics

### **Electrical Specifications**

| Frequency             | DC~18GHz            |
|-----------------------|---------------------|
| VSWR                  | 1.5 max             |
| VSWR Ripple           | 0.05 max            |
| Insertion Loss        | 0.3dB max           |
| Insertion Loss Ripple | 0.05dB max          |
| Phase WOW             | 1° max              |
| Peak Power            | 5kW max             |
| Protection Degree     | IP 40 acc. EN 60529 |

#### **Mechanical Specifications**

| Connector Type        | SMA female      |
|-----------------------|-----------------|
| Working Life          | 10 Million Revs |
| Rotating Speed        | 500 rpm max     |
| Starting Torque       | 2N.cm max       |
| Rotating Torque       | 2N.cm max       |
| Contact Material      | PTFE            |
| Operating Humidity    | 0~85%RH         |
| Operating Temperature | -55°C~+85°C     |
| Storage Temperature   | -55°C~+85°C     |
|                       |                 |

# Outline Drawings[mm]



