# **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]



