

| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2022/4/16 | C. Chen  |

## TECHNICAL DATA

### ► Electrical Data

|                 |                 |
|-----------------|-----------------|
| Frequency Range | DC~18GHz        |
| VSWR            | 1.3:1 max       |
| Impedance       | 50 Ohms         |
| Input Power     | 2 Watt Avg.@25℃ |

### ► Mechanical Data

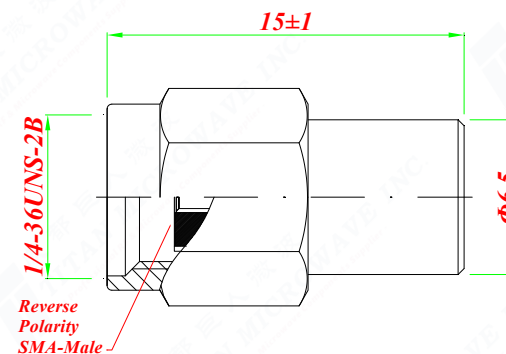
|                |                 |
|----------------|-----------------|
| Durability     | 500 Cycles min. |
| Connector Type | SMA-Male        |

### ► Material & Finishing

|                  |                      |
|------------------|----------------------|
| Body             | Brass Gold Plating   |
| Center Conductor | Brass Gold Plating   |
| Insulators       | PTFE                 |
| Nut              | Brass Nickel Plating |

### ► Environmental Data

|                       |            |
|-----------------------|------------|
| Operating Temperature | -55℃~+100℃ |
|-----------------------|------------|



#### Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                                      |       |          |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 16/04/22                |       |          |
| ENGINEER: J. Zhu 16/04/22            |       |          |
| APPROVED: C. Chen 16/04/22           |       |          |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |
| x                                    | ±0.50 | [0.019"] |
| .x                                   | ±0.20 | [0.008"] |
| .xx                                  | ±0.10 | [0.004"] |
| ANGLES                               | ±1°   |          |

#### TITLE:

Coaxial Termination  
Reverse Polarity,  
DC~18GHz, 2W  
SMA-Male

#### PART No.:

TMT182SMRP



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

|             |        |               |           |
|-------------|--------|---------------|-----------|
| SIZE:<br>A4 | SCALE: | SHEET:<br>1/1 | REV:<br>A |
|-------------|--------|---------------|-----------|