

| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2022/6/15 | C. Chen  |

## TECHNICAL DATA

### Electrical Data

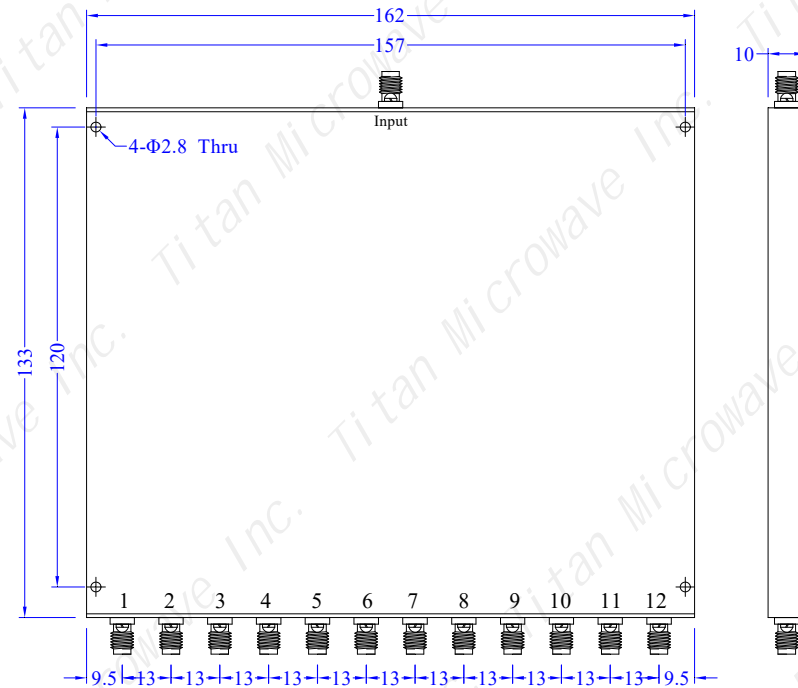
|   |             |
|---|-------------|
| Frequency Range   | 500~6000MHz |
| Insertion Loss<br>(excluding theoretical insertion loss 10.8dB) | 3.0dB max   |
| Isolation   | 16dB min    |
| Input VSWR  | 1.80 max    |
| Output VSWR   | 1.60 max    |
| Amplitude Balance   | ±0.8dB max  |
| Phase Balance   | ±8°         |
| Forward Power   | 20W         |
| Reverse Power   | 1W          |
| Impedance   | 50 Ohms     |

### Mechanical Data

|                   |                         |
|-------------------|-------------------------|
| Dimensions        | 162×133×10mm            |
| Input Connector   | SMA-Female              |
| Output Connectors | SMA-Female              |
| Surface Finish    | Grey/Black/Blue Painted |

### Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -45℃~+85℃ |
|-----------------------|-----------|



#### Notes:

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

|                                      |       |          |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 15/06/22                |       |          |
| ENGINEER: J. Zhu 15/06/22            |       |          |
| APPROVED: C. Chen 15/06/22           |       |          |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |
| x                                    | ±0.50 | [0.019"] |
| .x                                   | ±0.20 | [0.008"] |
| .xx                                  | ±0.10 | [0.004"] |
| ANGLES                               | ±1°   |          |

#### TITLE:

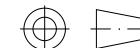
Power Divider, 12-Way,  
0.5-6GHz, 20W, SMA-  
Female

#### PART No.:

TMPD12-00500600-S20



[www.titan-microwave.com](http://www.titan-microwave.com)



DIMENSIONS IN MILLIMETERS(mm)

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