

| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2022/7/12 | C. Chen  |

## TECHNICAL DATA

### ► Electrical Data

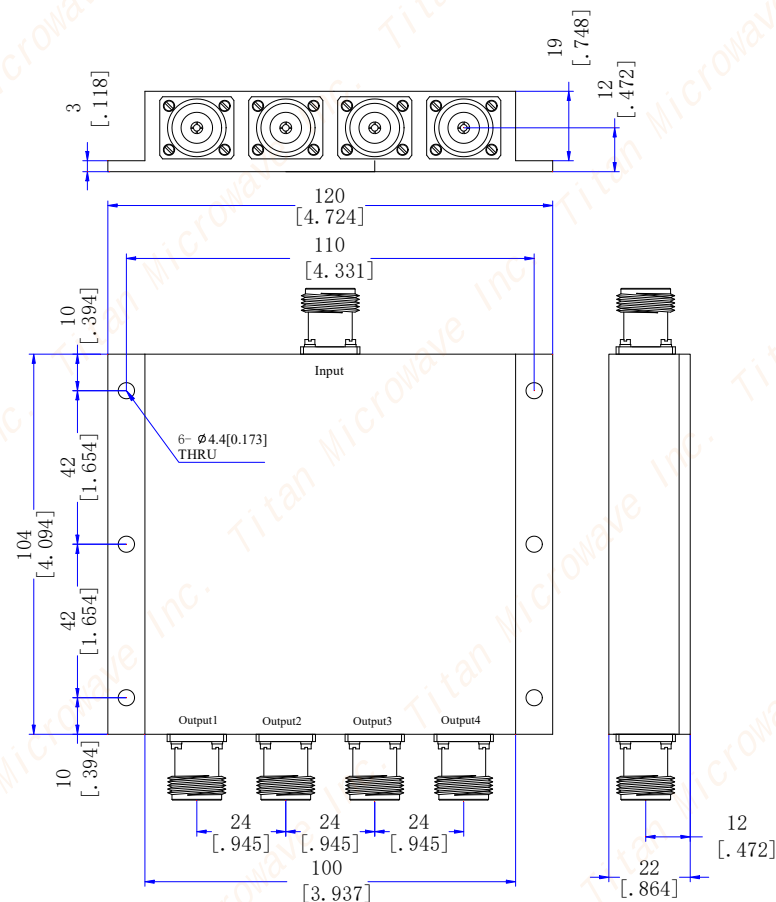
|                                    |                    |
|------------------------------------|--------------------|
| Frequency Range                    | 500~6000MHz        |
| Insertion Loss                     | 2.0dB max          |
| (excluding theoretical loss 6.0dB) |                    |
| VSWR(input port)                   | 1.35:1 max         |
| VSWR(output port)                  | 1.25:1 max         |
| Isolation                          | 18dB min           |
| Amplitude Balance                  | ±0.3dB             |
| Phase Balance                      | ±4°                |
| Impedance                          | 50 Ohms            |
| Power Rating                       | 20W(as a splitter) |
|                                    | 1W(as a combiner)  |
| Waterproof                         | IP65               |

### ► Mechanical Data

|                |                    |
|----------------|--------------------|
| Dimensions     | 120×104×22mm       |
| Connectors     | N-Female           |
| Surface Finish | Black/Blue Painted |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -35℃~+75℃ |
|-----------------------|-----------|



#### Notes:

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

|                                      |
|--------------------------------------|
| DRAWN: L. Ma 12/07/22                |
| ENGINEER: J. Zhu 12/07/22            |
| APPROVED: C. Chen 12/07/22           |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |
| x ±0.50 [0.019"]                     |
| .x ±0.20 [0.008"]                    |
| .xx ±0.10 [0.004"]                   |
| ANGLES ±1°                           |

#### TITLE:

Power Divider, 4 Way,  
0.5~6GHz, 20W  
N-Female

#### PART No.:

TMPD4-00500600-20N



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

| SIZE: | SCALE: | SHEET: | REV: |
|-------|--------|--------|------|
| A4    |        | 1/1    | A    |