

| REV | DESCRIPTION OF REVISION | By | DATE | APPROVED |
|-----|-------------------------|--------|------------|----------|
| A | INITIAL RELEASE | C. Cai | 2022/12/21 | C. Chen |

TECHNICAL DATA

Electrical Data

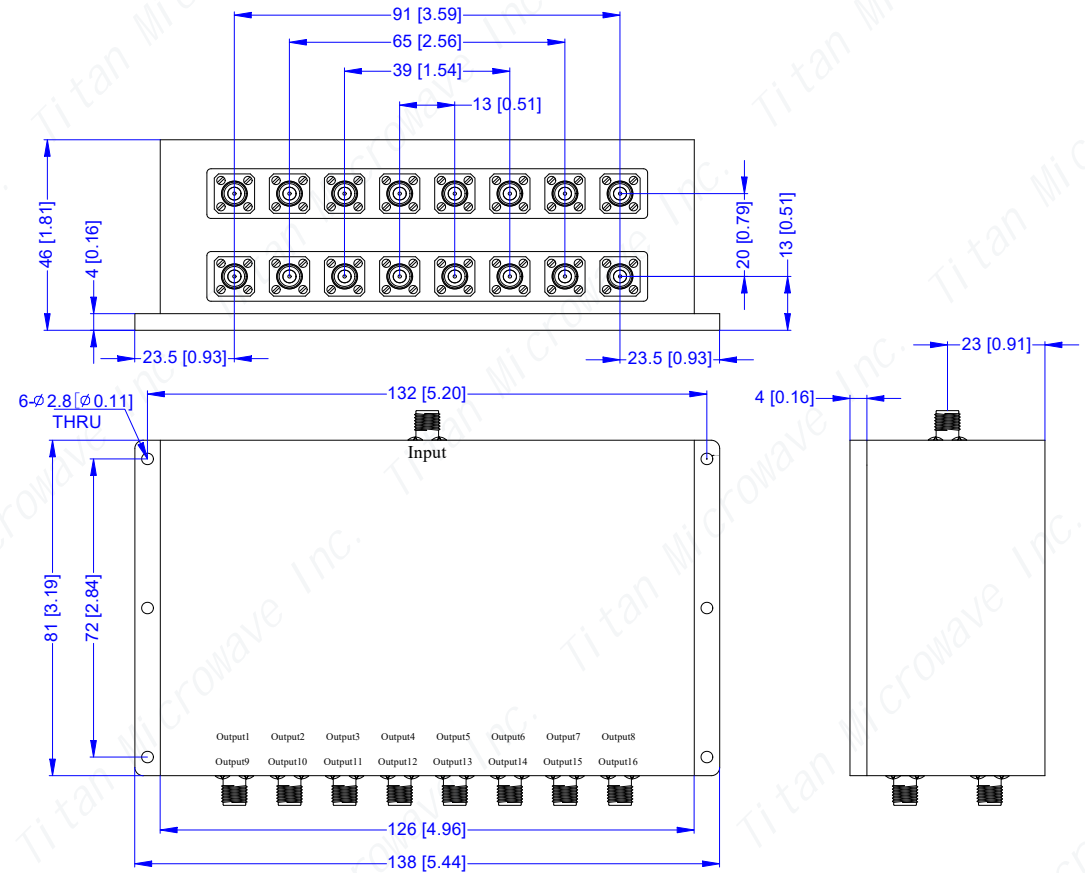
| | |
|-------------------|---|
| Frequency Range | 19~31GHz |
| Insertion Loss | 2.5dB typ, 3.5dB max (excluding theoretical loss 12.0dB) |
| Input Port VSWR | 1.40 typ, 1.50 max |
| Output Port VSWR | 1.30 typ, 1.50 max |
| Isolation | 15dB min, 18dB typ |
| Amplitude Balance | ±0.8dB typ, ±1.0dB max |
| Phase Balance | ±5° typ, ±7° max |
| Impedance | 50 Ohms |
| Power Rating | 20W(forward) |
| Power Rating | 0.5W(reverse) |

Mechanical Data

| | |
|-------------------------|-----------------|
| Input/Output Connectors | 2.92mm-Female |
| Connectors Material | Stainless Steel |
| Housing Material | Aluminum |
| Dimensions | 138×46×81mm |
| Surface Finish | Black Painted |

Environmental Data

| | |
|-----------------------|--------------|
| Operating Temperature | -40°C~+85°C |
| Storage Temperature | -50°C~+105°C |



Notes:

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

| | | |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 21/12/22 | | |
| ENGINEER: J. Zhu 21/12/22 | | |
| APPROVED: C. Chen 21/12/22 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | |
| x | ±0.50 | [0.019"] |
| .x | ±0.20 | [0.008"] |
| .xx | ±0.10 | [0.004"] |
| ANGLES | ±1° | |

TITLE:
Power Divider, 16 Way,
19~31GHz, 20W,
2.92mm-Female

PART No.:
TMPD16-19003100-20K

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DIMENSIONS IN MILLIMETERS(mm)

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