

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

TECHNICAL DATA

Electrical Data

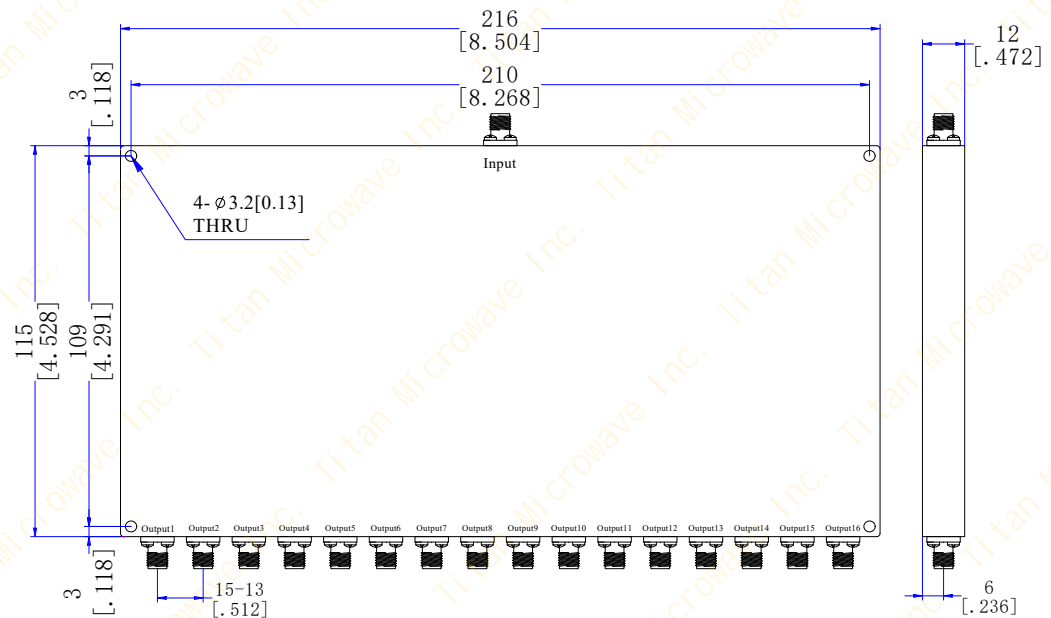
| | |
|---|---|
| Frequency Range | 0.7-4GHz |
| Insertion Loss (excluding theoretical loss 12.0dB) | 2.0dB max |
| Input Port VSWR | 1.18:1 typ, 1.50:1 max |
| Output Port VSWR | 1.13:1 typ, 1.25:1 max |
| Isolation | 18dB min, 23dB typ |
| Amplitude Balance | ±0.3dB |
| Phase Balance | ±3° |
| Impedance | 50 Ohms |
| Power Rating | 20W(as a splitter) 1W(as a combiner) |

Mechanical Data

| | |
|-------------------------|----------------------|
| Input/Output Connectors | SMA-Female |
| Dimensions | 216×115×12mm |
| Surface Finish | Conductive Oxidation |

Environmental Data

| | |
|-----------------------|-------------|
| Operating Temperature | -35°C~+75°C |
|-----------------------|-------------|



| | | |
|--------------------------------------|-------|----------|
| 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, 0.7~4GHz, 20W,
SMA-Female



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DIMENSIONS IN MILLIMETERS(mm)

PART No.:
TMPD16-00700400-20S

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A

Notes:

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