

| REV | DESCRIPTION OF REVISION | By | DATE | APPROVED |
|-----|-------------------------|--------|----------|----------|
| A | INITIAL RELEASE | C. Cai | 2023/4/7 | C. Chen |

TECHNICAL DATA

Electrical Data

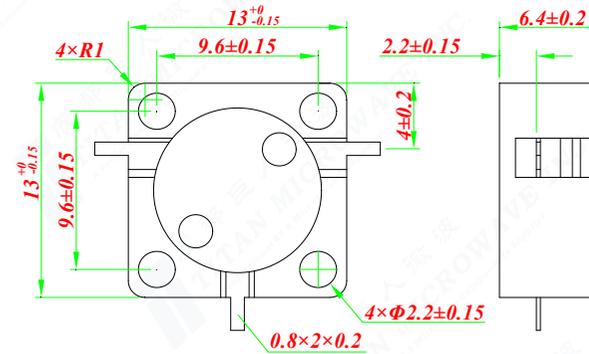
| | |
|-----------------|--------------|
| Frequency Range | 5000~6000MHz |
| Insertion Loss | 0.4dB max |
| VSWR | 1.2:1 max |
| Isolation | 20dB min |
| Power | 50W(CW) |
| Direction | Clockwise |

Mechanical Data

| | |
|----------------|---------------|
| Connector Type | Microstrip |
| Surface Finish | Nickel Plated |
| Dimensions | 13×13×6.4mm |

Environmental Data

| | |
|-----------------------|-----------|
| Operating Temperature | -55℃~+85℃ |
|-----------------------|-----------|



Notes:

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

| | | |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 07/04/23 | | |
| ENGINEER: J. Zhu 07/04/23 | | |
| APPROVED: C. Chen 07/04/23 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | |
| x | ±0.50 | [0.019"] |
| .x | ±0.20 | [0.008"] |
| .xx | ±0.10 | [0.004"] |
| ANGLES | ±1° | |

TITLE:
Drop-in Circulator
5000~6000MHz,
50W, Clockwise

PART No.:
TMDC-05000600-50

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DIMENSIONS IN MILLIMETERS(mm)

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