

| REV | DESCRIPTION OF REVISION | By | DATE | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A | INITIAL RELEASE | C. Cai | 2023/9/16 | C. Chen |

TECHNICAL DATA

► Electrical Data

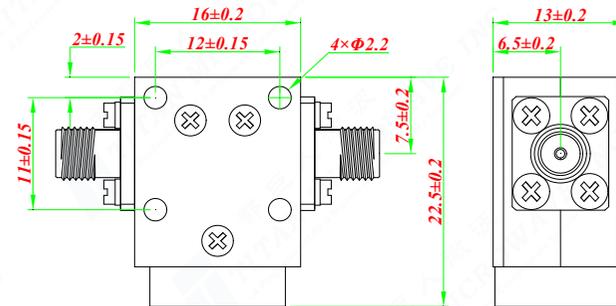
| | |
|-----------------|-----------------------|
| Frequency Range | 8000~12000MHz |
| Insertion Loss | 0.6dB max |
| VSWR | 1.3:1 max |
| Isolation | 18dB min |
| Forward Power | 100W |
| Pulse Power | 1000W(duty cycle 10%) |
| Direction | Clockwise |
| Impedance | 50 Ohms |

► Mechanical Data

| | |
|----------------|---------------|
| Dimensions | 16×22.5×13mm |
| Connector | SMA-Female |
| Material | Aluminum |
| Surface Finish | Nickel Plated |

► Environmental Data

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



| | | |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 16/09/23 | | |
| ENGINEER: J. Zhu 16/09/23 | | |
| APPROVED: C. Chen 16/09/23 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | |
| x | ±0.50 | [0.019"] |
| .x | ±0.20 | [0.008"] |
| .xx | ±0.10 | [0.004"] |
| ANGLES | ±1° | |

TITLE:

Coaxial Isolator
8-12GHz,
100W, SMA-Female

PART No.:

TMCI-08001200-100S

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DIMENSIONS IN MILLIMETERS(mm)

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