

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

## TECHNICAL DATA

### ► Electrical Data

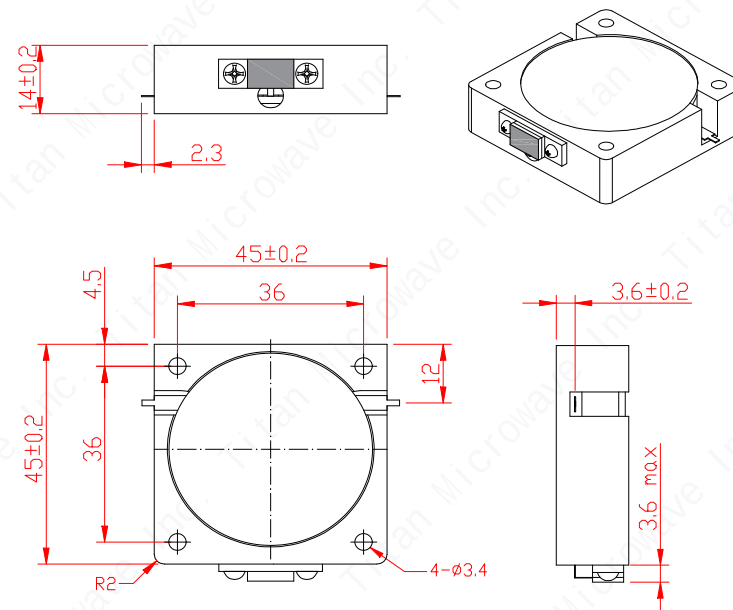
|                 |            |
|-----------------|------------|
| Frequency Range | 345~415MHz |
| Insertion Loss  | 0.6dB max  |
| VSWR            | 1.25:1 max |
| Isolation       | 20dB min   |
| Forward Power   | 200W       |
| Reverse Power   | 100W       |
| Direction       | Clockwise  |
| Impedance       | 50 Ohms    |

### ► Mechanical Data

|                |               |
|----------------|---------------|
| Dimensions     | 45×45×14mm    |
| Connector Type | Stripline     |
| Material       | Aluminum      |
| Surface Finish | Nickel Plated |
| Weight         | 160g          |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+70℃ |
| Storage Temperature   | -50℃~+90℃ |



#### Notes:

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

|                                                                                                       |                                                                                      |                                                                                                                                                                                                                                            |                                                                                                            |        |        |      |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------|--------|------|
| DRAWN: L. Ma 16/09/23                                                                                 | <div>TITLE:</div> <div>Drop-in Isolator<br/>345~415MHz,<br/>Clockwise<br/>200W</div> | <div><div><div><div><div></div><div></div></div><div>成都巨人微波</div></div><div><div>TITAN MICROWAVE INC.</div><div>A Professional RF &amp; Microwave Components Supplier</div></div></div><div><div>www.titan-microwave.com</div></div></div> |                                                                                                            |        |        |      |
| ENGINEER: J. Zhu 16/09/23                                                                             |                                                                                      | <div>PART No.:</div> <div>TMDI-00340041-200</div>                                                                                                                                                                                          | <div><div><div><div></div><div></div></div><div></div></div><div>DIMENSIONS IN MILLIMETERS(mm)</div></div> |        |        |      |
| APPROVED: C. Chen 16/09/23                                                                            |                                                                                      |                                                                                                                                                                                                                                            | SIZE:                                                                                                      | SCALE: | SHEET: | REV: |
| TOLERANCE UNLESS OTHERWISE SPECIFIED                                                                  |                                                                                      |                                                                                                                                                                                                                                            | A4                                                                                                         |        | 1/1    | A    |
| <div>x±0.50[0.019"]</div> <div>.x±0.20[0.008"]</div> <div>.xx±0.10[0.004"]</div> <div>ANGLES±1°</div> |                                                                                      |                                                                                                                                                                                                                                            |                                                                                                            |        |        |      |