

## TECHNICAL DATA

### ► Electrical Data

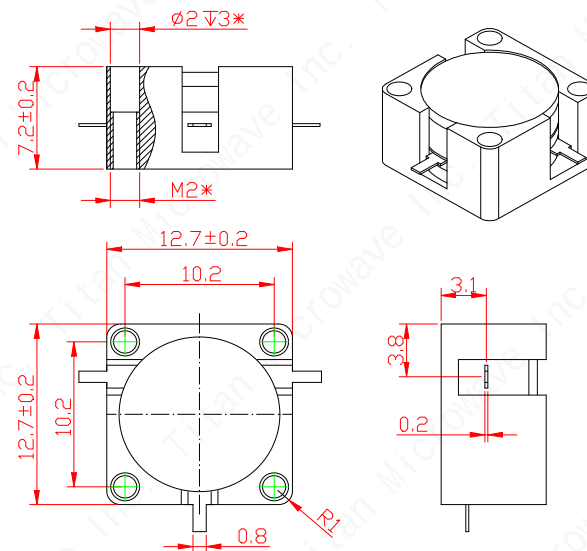
|                 |                |
|-----------------|----------------|
| Frequency Range | 1.427~1.517GHz |
| Insertion Loss  | 0.4dB max      |
| VSWR            | 1.3:1 max      |
| Isolation       | 18dB min       |
| Forward Power   | 60W(CW)        |
| Direction       | Clockwise      |
| Impedance       | 50 Ohms        |

### ► Mechanical Data

|                |                 |
|----------------|-----------------|
| Dimensions     | 12.7×12.7×7.2mm |
| Connector Type | Microstrip      |
| Material       | Aluminum        |
| Surface Finish | Nickel Plated   |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+75℃ |
| Storage Temperature   | -50℃~+90℃ |



| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2022/5/26 | C. Chen  |

#### Notes:

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

|                                      |       |          |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 26/05/22                |       |          |
| ENGINEER: J. Zhu 26/05/22            |       |          |
| APPROVED: C. Chen 26/05/22           |       |          |
| 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,  
1.427~1.517GHz,  
60W, Clockwise

#### PART No.:

TMDC-01420151-60



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DIMENSIONS IN MILLIMETERS(mm)

|             |        |               |           |
|-------------|--------|---------------|-----------|
| SIZE:<br>A4 | SCALE: | SHEET:<br>1/1 | REV:<br>A |
|-------------|--------|---------------|-----------|