

## TECHNICAL DATA

► Electrical Data

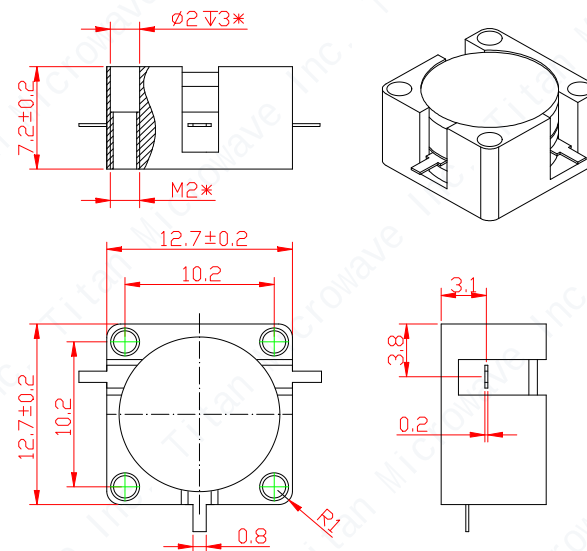
|                 |              |
|-----------------|--------------|
| Frequency Range | 1.92~1.99GHz |
| Insertion Loss  | 0.3dB max    |
| VSWR            | 1.2:1 max    |
| Isolation       | 23dB min     |
| Forward Power   | 60W(CW)      |
| Direction       | Clockwise    |
| Impedance       | 50 Ohms      |

► Mechanical Data

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

► Environmental Data

|                       |             |
|-----------------------|-------------|
| Operating Temperature | -30°C~+75°C |
| Storage Temperature   | -50°C~+90°C |



Notes:

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

|                                      |       |          |                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                    |  |  |  |
|--------------------------------------|-------|----------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| DRAWN: L. Ma 26/05/22                |       |          | <div>TITLE:</div> <div>Drop-in Circulator,<br/>1.92~1.99GHz,<br/>60W, Clockwise</div> | <div><div><div><div><div></div><div></div></div><div>成都巨人微波</div><div>TITAN MICROWAVE INC.</div><div>- A Professional RF &amp; Microwave Components Supplier -</div></div></div><div>www.titan-microwave.com</div></div> |                                                                                                                                                                    |  |  |  |
| ENGINEER: J. Zhu 26/05/22            |       |          |                                                                                       | <div>PART No.:</div> <div>TMDC-01920199-60</div>                                                                                                                                                                         | <div><div><div><div></div><div></div></div><div></div></div><div>DIMENSIONS IN MILLIMETERS(mm)</div></div>                                                         |  |  |  |
| APPROVED: C. Chen 26/05/22           |       |          |                                                                                       |                                                                                                                                                                                                                          | <div><div>SIZE:</div><div>A4</div></div> <div><div>SCALE:</div><div></div></div> <div><div>SHEET:</div><div>1/1</div></div> <div><div>REV:</div><div>A</div></div> |  |  |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                    |  |  |  |
| x                                    | ±0.50 | [0.019"] |                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                    |  |  |  |
| .x                                   | ±0.20 | [0.008"] |                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                    |  |  |  |
| .xx                                  | ±0.10 | [0.004"] |                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                    |  |  |  |
| ANGLES                               | ±1°   |          |                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                    |  |  |  |