

| REV | DESCRIPTION OF REVISION | By     | DATE       | APPROVED |
|-----|-------------------------|--------|------------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2022/12/21 | C. Chen  |

## TECHNICAL DATA

### ► Electrical Data

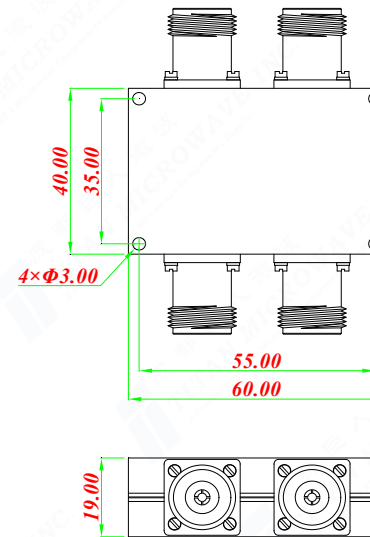
|                         |              |
|-------------------------|--------------|
| Frequency Range         | 3300~3800MHz |
| Insertion Loss(average) | 0.5dB max    |
| VSWR                    | 1.3:1 max    |
| Isolation               | 1.3dB min    |
| Amplitude Balance       | ±0.3dB       |
| Phase Balance           | ±5°          |
| Impedance               | 50 Ohms      |
| Power Rating            | 200W(CW)     |

### ► Mechanical Data

|                |                                    |
|----------------|------------------------------------|
| Connectors     | N-Female                           |
| Dimensions     | 60×40×19mm                         |
| Surface Finish | Natural Color Conductive Oxidation |

### ► 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 21/12/22                |  |  | TITLE:<br><br>3dB 90° Hybrid Coupler,<br>3300~3800MHz, 200W,<br>N-Female |  | <div> 成都巨人微波<br/>TITAN MICROWAVE INC.<br/>- A Professional RF &amp; Microwave Components Supplier -</div> <div>www.titan-microwave.com</div> |  |     |   |
| ENGINEER: J. Zhu 21/12/22            |  |  |                                                                          |  |                                                                                                                                                                                                                                   |  |     |   |
| APPROVED: C. Chen 21/12/22           |  |  |                                                                          |  | <div></div> DIMENSIONS IN MILLIMETERS(mm)               |  |     |   |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |  |  | PART No.:                                                                |  |                                                                                                                                                                                                                                   |  |     |   |
| x ±0.50 [0.019"]                     |  |  | TMHC90-03300380-200N                                                     |  | A4                                                                                                                                                                                                                                |  | 1/1 | A |
| .x ±0.20 [0.008"]                    |  |  |                                                                          |  |                                                                                                                                                                                                                                   |  |     |   |
| .xx ±0.10 [0.004"]                   |  |  |                                                                          |  |                                                                                                                                                                                                                                   |  |     |   |
| ANGLES ±1°                           |  |  |                                                                          |  |                                                                                                                                                                                                                                   |  |     |   |

|        |       |          |
|--------|-------|----------|
| x      | ±0.50 | [0.019"] |
| .x     | ±0.20 | [0.008"] |
| .xx    | ±0.10 | [0.004"] |
| ANGLES | ±1°   |          |