

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

TECHNICAL DATA

► Electrical Data

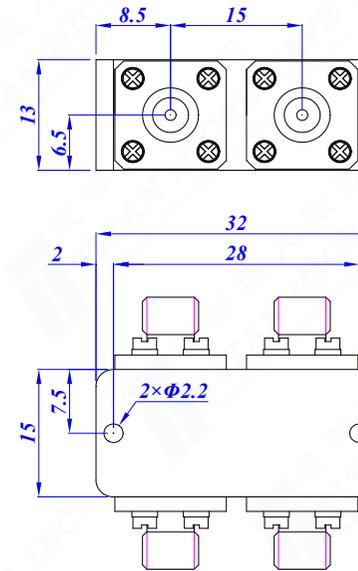
| | |
|-------------------------|------------|
| Frequency Range | 18~32GHz |
| Insertion Loss(average) | 1.6dB max |
| VSWR | 1.8:1 max |
| Isolation | 14dB min |
| Amplitude Balance | ±1.0dB max |
| Phase Balance | ±8° |
| Impedance | 50 Ohms |
| Power Rating | 10W(CW) |

► Mechanical Data

| | |
|----------------|------------------------------------|
| Connectors | 2.92mm-Female |
| Dimensions | 32×15×13mm |
| Surface Finish | Natural Color Conductive Oxidation |

► Environmental Data

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



| | | |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 21/12/22 | | |
| ENGINEER: J. Zhu 21/12/22 | | |
| APPROVED: C. Chen 21/12/22 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | |
| x | ±0.50 | [0.019"] |
| .x | ±0.20 | [0.008"] |
| .xx | ±0.10 | [0.004"] |
| ANGLES | ±1° | |

TITLE:
3dB 90° Hybrid Coupler,
18~32GHz, 10W,
2.92mm-Female

PART No.:
TMHC90-18003200-10K

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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