

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/30	C. Chen

## TECHNICAL DATA

### ► Electrical Data

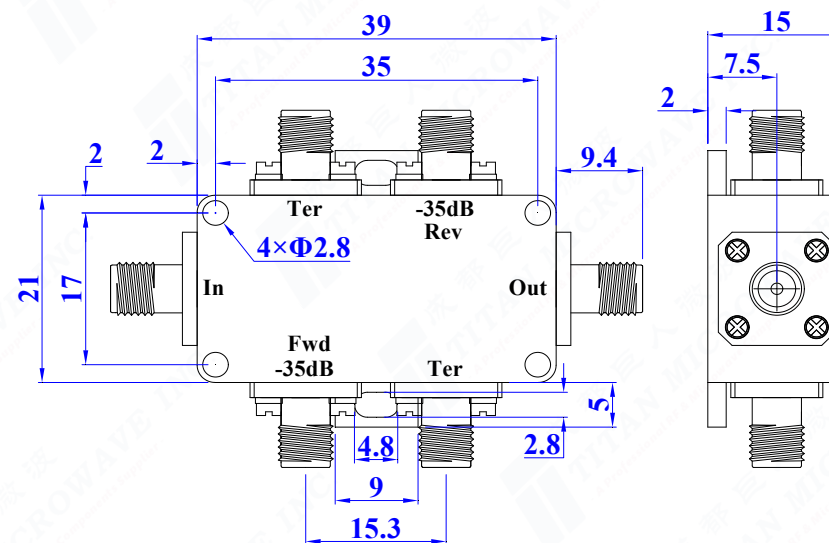
Frequency Range	6~18GHz
Coupling	35±1.0dB
Coupling Flatness	±0.75dB max
Insertion Loss	0.5dB max
Primary Line VSWR	1.5:1 max
Coupled Line VSWR	1.7:1 max
Directivity	10dB min
Impedance	50 Ohms
Primary Line Power	80W

### ► Mechanical Data

Primary Line Connectors	SMA-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	39×21×15mm

### ► Environmental Data

Operating Temperature	-55℃~+85℃
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#### Notes:

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

DRAWN: L. Ma 30/04/25
ENGINEER: J. Zhu 30/04/25
APPROVED: C. Chen 30/04/25
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

#### TITLE:

Dual Directional Coupler,  
6~18GHz, 35dB, 80W,  
SMA-Female

#### PART No.:

TDDC-06001800-35S80



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DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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