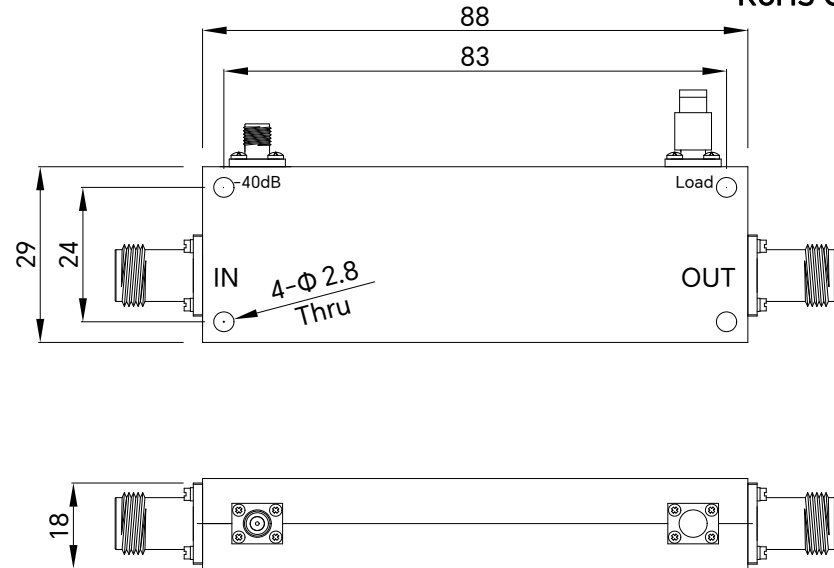


| | | | | |
|---|------|-----------|---------------------|---------|
| PART NUMBER TMDC-01000600-40NS500 | REV. | DATE | COMMENTS | INITIAL |
| | 1 | 2023/8/16 | ENGINEERING RELEASE | |

Specifications

| | |
|-------------------------------|-----------------------|
| Frequency Range | 1000-6000MHz |
| Nominal Coupling | 40±1.5dB |
| Directivity | 15dB min |
| Insertion Loss | 0.5dB max |
| VSWR Primary | 1.25:1 typ, 1.3:1 max |
| VSWR Secondary | 1.25:1 typ, 1.3:1 max |
| Power Rating | 500W |
| Impedance | 50 Ohms |
| Input/Output Connectors | Type N-Female |
| Coupling Port | SMA-Female |
| Material | Aluminum 6061 |
| Surface Finish | Silver Plated |
| Operational Temperature | -40°C~+70°C |

RoHS Compliant



Drawing not to scale, units:mm



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 chris@titan-microwave.com

| | | |
|--|--------------------|--|
| PART NUMBER TMDC-01000600-40NS500 | | DESCRIPTION Directional Coupler, 1-6GHz, 40dB Coupling 500W, SMA-Female & N-Female |
| CAGE CODE | SIGNATURE _____ | |
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