

TMDC-01001200-16S30 1-12 GHz, 16dB, 30W, SMA Female

FEATURES

- ❖ Wide Band Operation 1-12 GHz
- ❖ Power Handle Capability up to 30W
- ❖ 16 dB Typical Coupling
- ❖ Low Insertion Loss

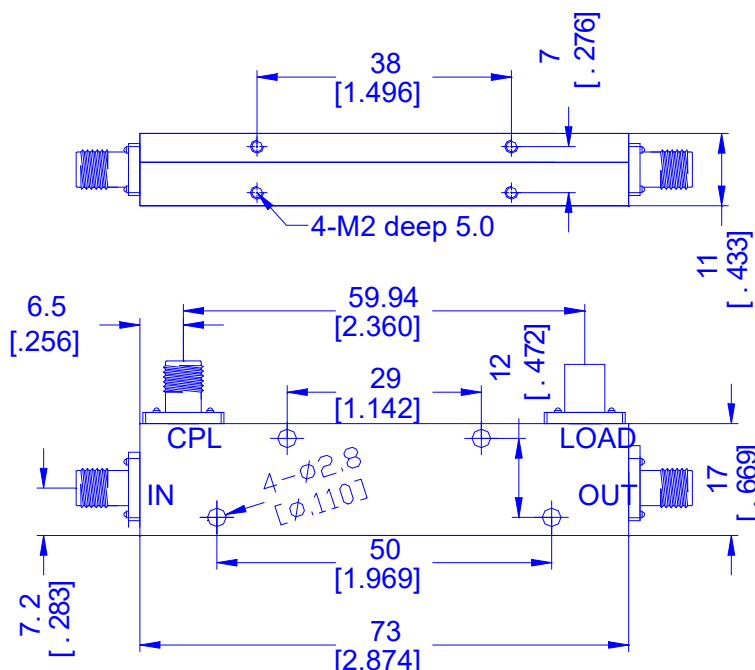
APPLICATIONS

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

SPECIFICATIONS

| Parameters | Min. | Typ. | Max. | Units |
|------------------------------------|--------------|------|------|-------|
| Frequency Range | 1 | - | 12 | GHz |
| Impedance | - | 50 | - | Ohms |
| Nominal Coupling | 15 | 16 | 17 | dB |
| Frequency Sensitivity | - | - | ±1.0 | dB |
| Directivity | 15 | - | - | dB |
| Insertion Loss(Excluding Coupling) | - | - | 0.86 | dB |
| Insertion Loss(True) | - | - | - | dB |
| VSWR Primary | - | - | 1.45 | :1 |
| VSWR Secondary | - | - | 1.45 | :1 |
| Average Power | 30 | | | W |
| Peak Power | - | | | kW |
| Operating Temperature | -40°C~+85°C | | | |
| Storage Temperature | -50°C~+105°C | | | |
| Input/Output Connectors | SMA female | | | |
| Weight | 50g max | | | |
| Surface Finishing | Black Plated | | | |
| Material | Aluminum | | | |

Outline Drawing [mm[inch]]



Tolerances ±0.5[0.02]