

**TMDC-18002650-30K20 18-26.5 GHz, 30dB, 20W, 2.92mm Female**

**FEATURES**

- ❖ Wide Band Operation 18-26.5 GHz
- ❖ Power Handle Capability up to 20W
- ❖ 30 dB Typical Coupling
- ❖ Low Insertion Loss

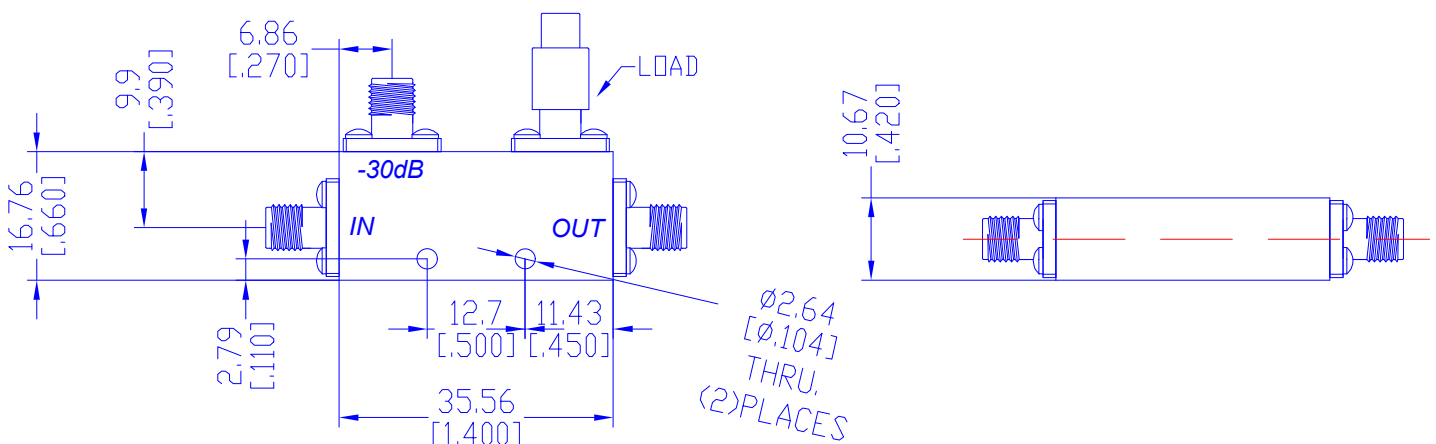
**APPLICATIONS**

- ❖ 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                                | 18                          | -    | 26.5 | GHz   |
| Impedance                                      | -                           | 50   | -    | Ohms  |
| Nominal Coupling                               | 29                          | 30   | 31   | dB    |
| Frequency Sensitivity                          | -                           | -    | ±1.0 | dB    |
| Directivity                                    | 12                          | -    | -    | dB    |
| Insertion Loss(Excluding coupling loss 0.01dB) | -                           | -    | 1.2  | dB    |
| VSWR Primary                                   | -                           | -    | 1.5  | :1    |
| VSWR Secondary                                 | -                           | -    | 1.5  | :1    |
| Power Handling                                 | Incident                    | -    | 20   | W     |
|  | Reflected                   | -    | 1    | W     |
| Operating Temperature                          | -55                         | -    | +85  | °C    |
| Input/Output Connectors                        | 2.92mm-Female               |      |      |       |
| Connector Body                                 | Passivated Stainless Steel  |      |      |       |
| Size   | 35.56mm × 16.76mm × 10.67mm |      |      |       |
| Weight   | 30g                         |      |      |       |
| Surface Finishing                              | Black/Blue Paint            |      |      |       |
| Material                                       | Aluminum                    |      |      |       |

**Outline Drawing [mm[inch]]**



Tolerances ±0.5[0.02]