

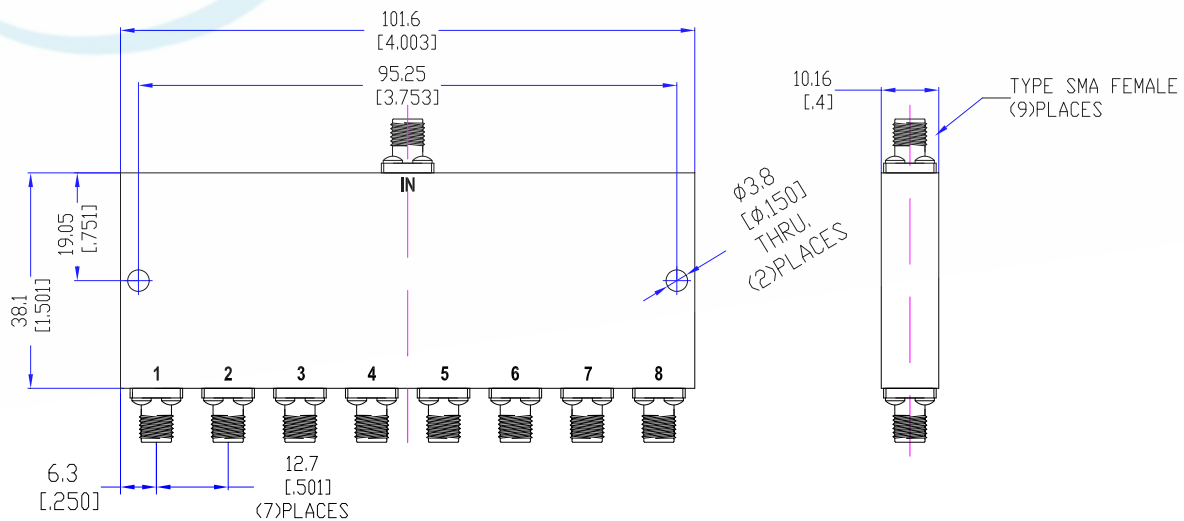
## Model TPD00400A8

### Features

- Excellent phase& amplitude balance
- Low Insertion Loss& VSWR
- High Isolation

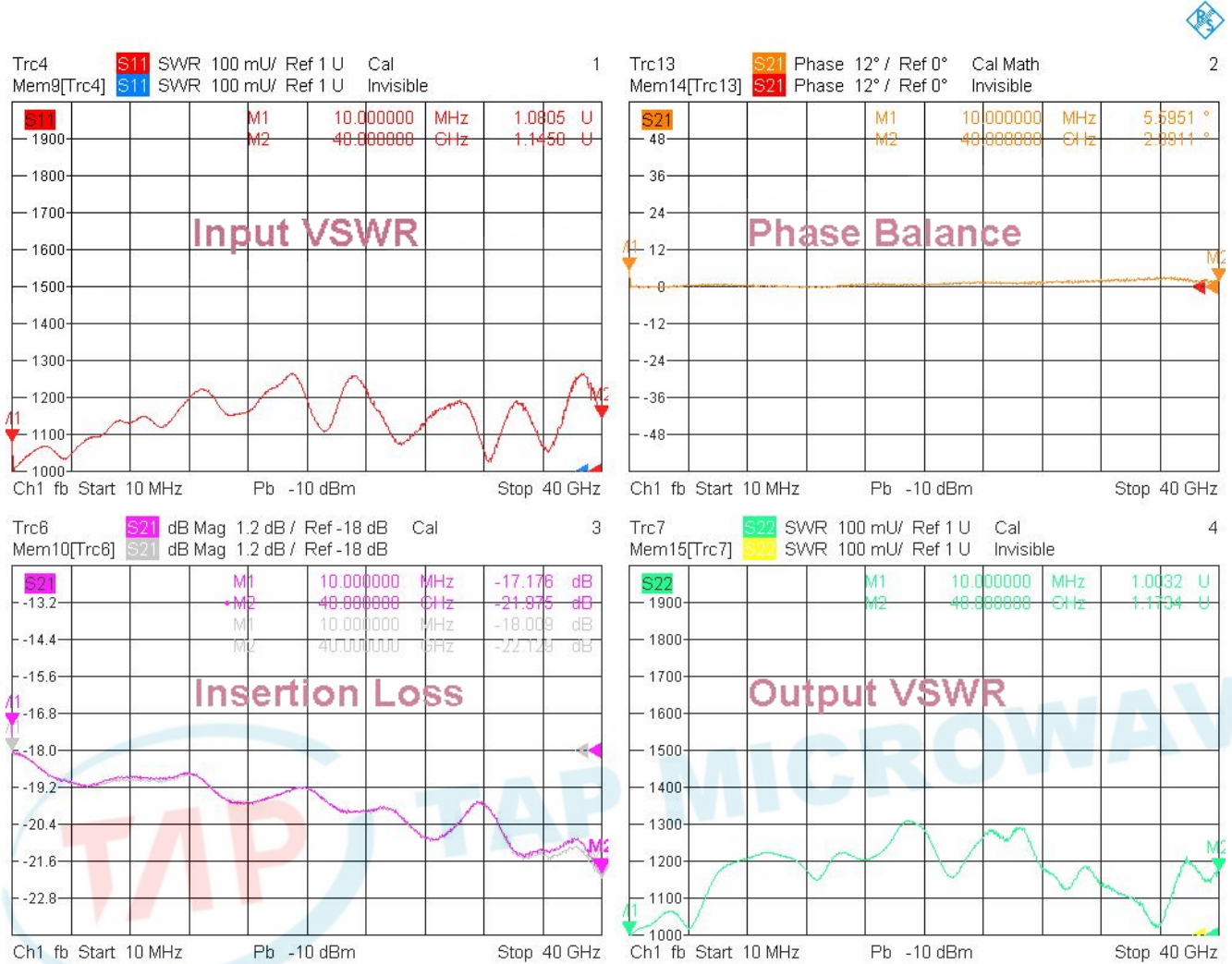
| Technical Data Sheet        |  |                       |   |
|-----------------------------|--|-----------------------|---|
| Frequency Range             | DC~40GHz                               | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤6.0dB<br>(Above 18.06dB Split)        | Connector Body        | Passivated Stainless Steel                      |
| VSWR                        | Input ≤1.90:1<br>Output ≤1.60:1        | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Isolation                   | -----                                  | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Amplitude Balance           | ≤±1.2dB                                | Solder                | Lead Free, RoHS Compliant                       |
| Phase Balance               | ≤±12°                                  | Operating Temperature | -55~+85°C                                       |
| <sup>1</sup> Power Handling | Forward ≤0.1Watt;<br>Reversed ≤0.1Watt | Operating Humidity    | Up to 95%,Non- Condensing                       |
| Impedance                   | 50Ω                                    | Weight                | 110g  |
| Port Connectors             | 2.92mm-Female                          |                       |   |

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.50:1.



## Typical Performance

### 1. Insertion Loss, Amplitude & Phase Balance, VSWR



8/1/2024, 1:17 PM

