

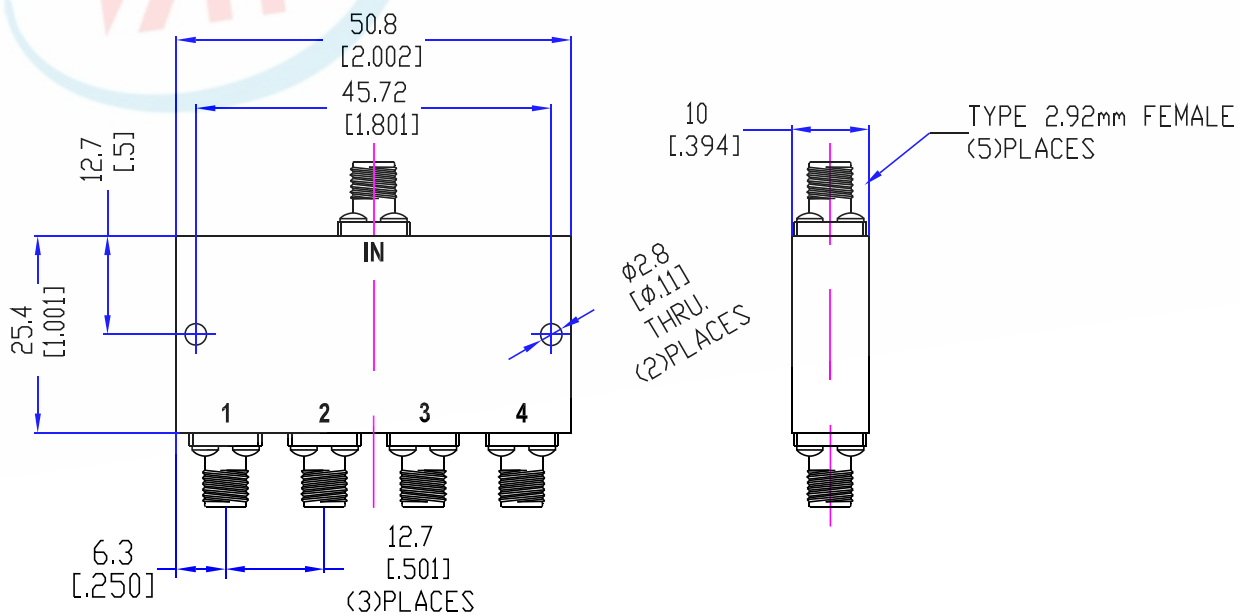
## Model TPD170215A4

### Features

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

| Technical Data Sheet        |                                       |                       |                                                 |
|-----------------------------|---------------------------------------|-----------------------|-------------------------------------------------|
| Frequency Range             | 17~21.5GHz                            | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤2.2dB<br>(Above 6.02dB Split)        | Connector Body        | Passivated Stainless Steel                      |
| VSWR                        | Input ≤1.60:1<br>Output ≤1.60:1       | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Isolation                   | ≥15dB                                 | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Amplitude Balance           | ≤±0.6dB                               | Solder                | Lead Free, RoHS Compliant                       |
| Phase Balance               | ≤±6°                                  | Operating Temperature | -55~+85°C                                       |
| <sup>1</sup> Power Handling | Forward ≤10Watt;<br>Reversed ≤0.5Watt | Operating Humidity    | Up to 95%,Non- Condensing                       |
| Impedance                   | 50Ω                                   | Weight                | 40g                                             |
| Port Connectors             | 2.92mm-Female                         |                       |                                                 |

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

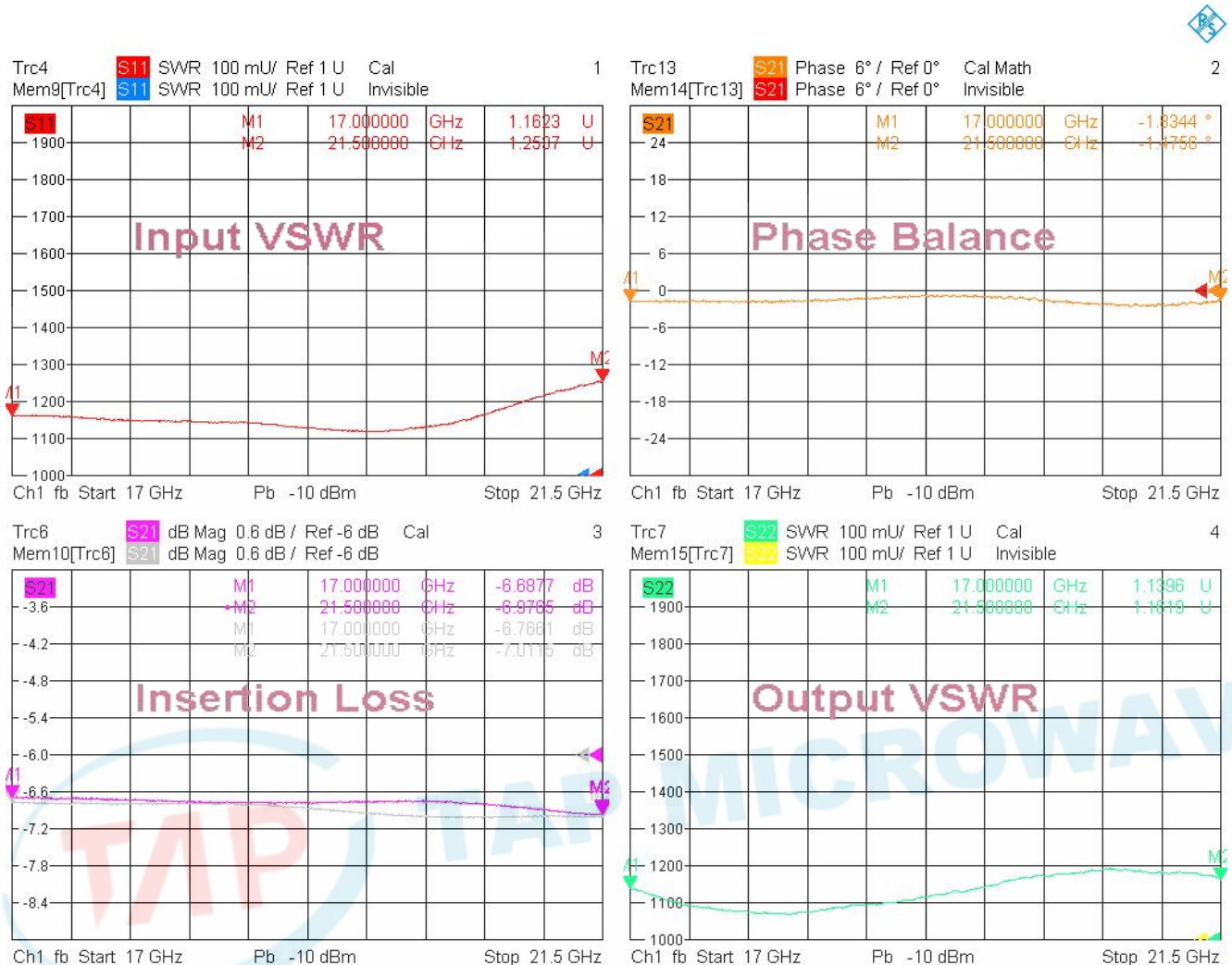


## Typical Performance



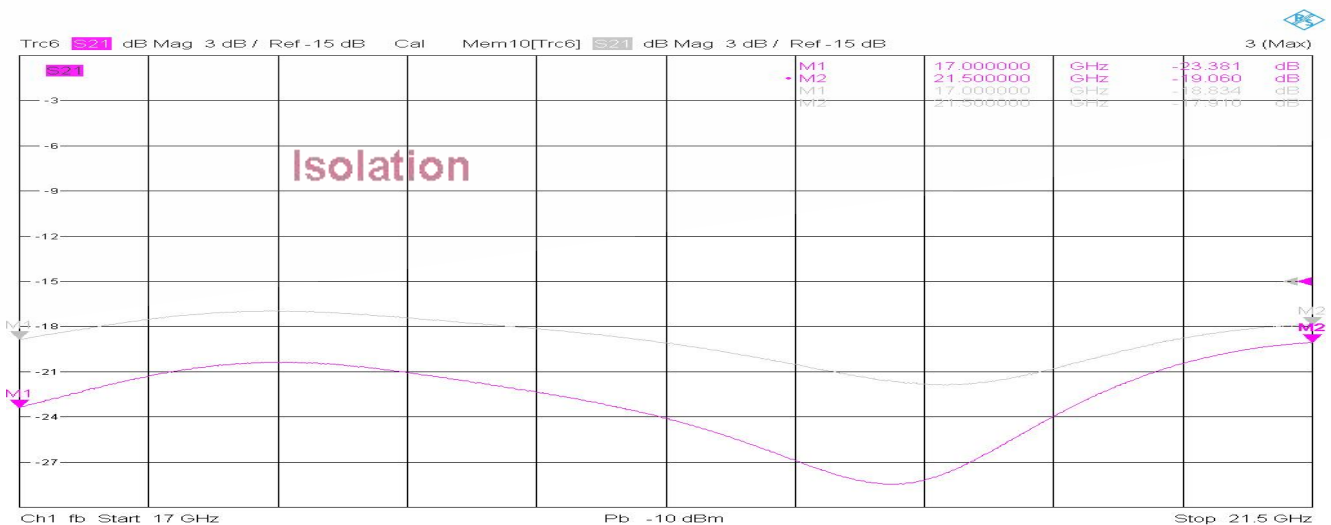
## Typical Performance

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



9/16/2022, 10:03 AM

### 2. Isolation



9/16/2022, 10:04 AM

