

### Product Features

P1AD-18F24M is a 50 Ohm high frequency adapter, 1.8mm female to 2.4mm male, operating to 50 GHz. Maximum VSWR is 1.25. Material is passivated stainless steel.

P1dB offers a large selection of standard and precision 50 Ohm RF adapters for lab, aerospace, industrial and commercial applications. In-series and between series options include 1.85mm, 2.4mm, 2.92mm, 3.5mm, SMA, Type N, TNC and BNC.



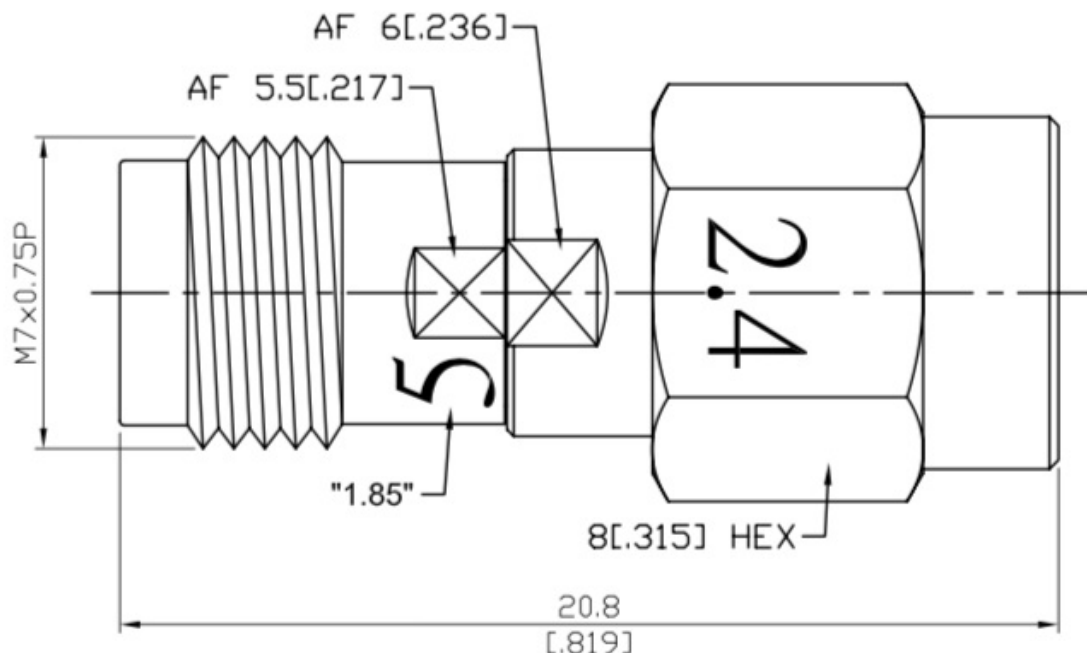
### Electrical Specification: $T_{\text{Ambient}} = 25^{\circ} \text{C}$

| Parameter | Frequency Range | Units | Min | Typical | Max | Notes |
|-----------|-----------------|-------|-----|---------|-----|-------|
| Impedance |                 |       |     | 50.0    |     |       |

### Mechanical And Environmental Specifications:

| Parameter       | Description   | Notes |
|-----------------|---------------|-------|
| Connector 1     | 1.85mm Female |       |
| Connector 2     | 2.4mm Male    |       |
| Orientation     | Straight      |       |
| Mount Type      | None          |       |
| RoHS Compliance | Yes           |       |

### Drawing



#### Graph

| Parts        | Material         | Plating ( Micro-inch )                                |
|--------------|------------------|-------------------------------------------------------|
| Gasket       | Silicone         |                                                       |
| Contact Pin  | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator    | PPO              |                                                       |
| Body         | Stainless Steel  | Passivated                                            |
| Coupling Nut | Stainless Steel  | Passivated                                            |

#### Product Notes