

## Model 1465

### Precision, 3.5mm Connectors

## Terminations & Loads

DC to 32.0 GHz  
2 Watt



### Features

- /// High Performance - Precision Lab Grade
- /// Subminiature Size and Lightweight - All models weigh 7 grams with male connector
- /// Low SWR Design Option
- /// Rugged Construction

### Specifications

**NOMINAL IMPEDANCE:** 50  $\Omega$

**FREQUENCY RANGE:** dc to 32.0 GHz

**POWER RATING:** 2.0 watt **average** @ 25°C ambient temperature, derated linearly to 0.2 watts @ 100°C. 500 watts **peak** maximum (5  $\mu$ sec pulse width; 0.2% duty cycle).

#### MAXIMUM SWR:

Frequency Range (GHz)	F1465 M1465	F1465A M1465A
dc - 18	1.08	1.06
18 - 26.5	1.10	1.08
26.5 - 32	1.15	1.10

**TEMPERATURE RANGE:** -50°C to +100°C

**STORAGE TEMPERATURE:** -50°C to +125°C

**TEST DATA:** Swept data plots of SWR from 50 MHz to 32 GHz is available at additional cost.

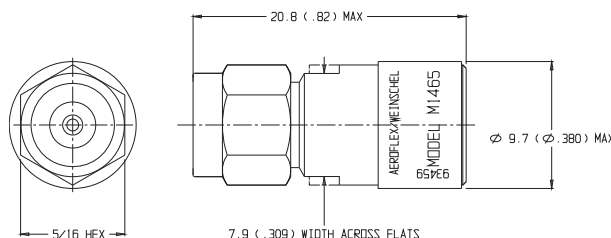
**CONNECTOR:** Male or Female 3.5mm connector - mate nondestructively with SMA, SMK, 2.92mm, and other 3.5mm connectors. Choice of male or female connector. When ordering, prefix model number with M for male and F for female.

**PIN RECESS:** 0.003 maximum (male and female connectors)

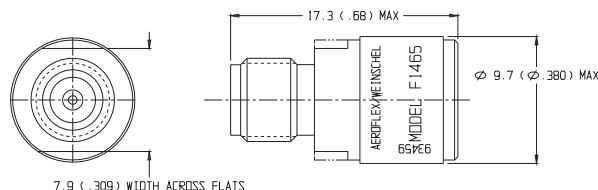
**WEIGHT:** 7.0 g (0.25 oz) maximum

#### PHYSICAL DIMENSIONS:

##### Model M1465/M1465A:



##### Model F1465/F1465A:



**NOTE:** All dimensions are given in mm (inches) and are maximum, unless otherwise specified.