

## Model 1478 SMK Connectors

dc to 40.0 GHz  
20 Watts

 **RoHS**



### Features

- /// **Compact Construction** - Lowest size/power ratio.
- /// **Precision Injection Molded Connector.**

### Specifications

**NOMINAL IMPEDANCE:** 50 Ω

**FREQUENCY RANGE:** dc to 40.0 GHz

MAXIMUM SWR:	
Frequency (GHz)	SWR
dc - 18	1.20
18 - 40	1.35

**POWER RATING (mounted horizontally):** 20 watts **average (unidirectional)** to 25°C ambient temperature, derated linearly to 2 Watts @ 125°C. 200 watts **peak** (5 μsec pulse width; 5% duty cycle).

**TEMPERATURE RANGE:** -55°C to +125°C

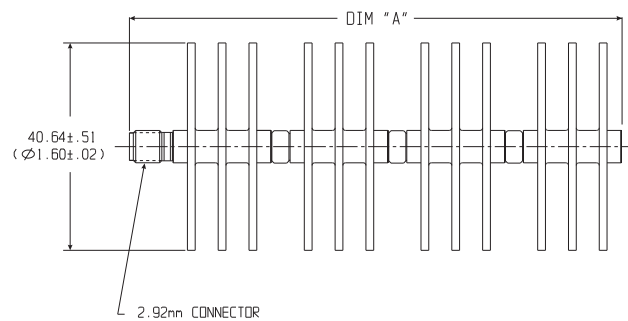
**TEST DATA:** Swept data plots of SWR from 50 MHz to 40 GHz is available at additional cost.

**CONNECTOR:** 2.92mm connector mate nondestructively with SMA per MIL-C-39012, SMK, 3.5mm and other 2.92mm connector. Choice of male (-2) or female connector (-1).

**CONSTRUCTION:** Black, finned aluminum body, gold plated beryllium copper contacts.

**WEIGHT:** 200 g (7 oz)

**PHYSICAL DIMENSIONS:**



Model #	DIM A	Connector Type
1478-1		SMK female
1478-2		SMK male

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