

# Terminations SMA

Models: 3004M, 3004F, 3004MC, 3004FC

**Up to 18 GHz  
2 Watts**

## Specifications

### Electrical

**Frequency Range:** DC - 18 GHz

**Standard Freq. Values:** 6\*\* & 18 GHz

### VSWR:

DC - 4 dB:	1.15:1 Max.
4 - 8 dB:	1.20:1 Max.
8 - 12.4 dB:	1.25:1 Max.
12.4 - 18 dB:	1.30:1 Max.

**Impedance:** 50 Ohms

**Input Power:** 2 Watts Avq. @ +25°C

Derated Linearly to 1 Watt @ +125°C

**Peak Power:** 250 Watts Max.

(5uSec Pulse, .05% Duty Cycle)

**Temperature Coefficient:** ±250 ppm/°C

**Operating Temp Range:** -65°C to +125°C

\*\*For DC - 6 GHz Units add -067 to the Model Number

### Mechanical

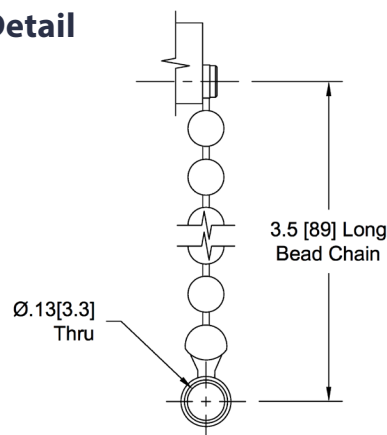
**SMA Connectors:** Passivated Stainless Steel

Mates with MIL-STD-348

**Conductors:** Gold Plated Beryllium Copper

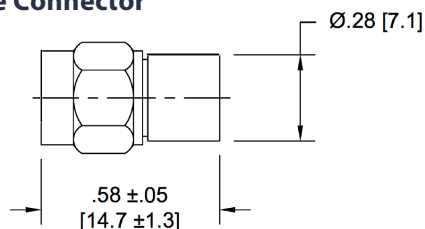
**Bead Chain:** Passivated Stainless Steel

### Chain Detail



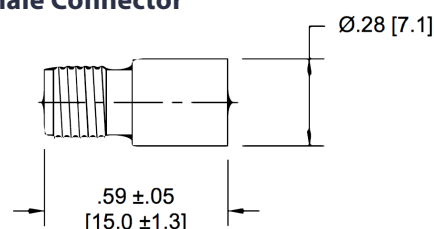
## Model Number: 3004M

**SMA Male Connector**



## Model Number: 3004F

**SMA Female Connector**



## How to Order

**Model Number: 3004XY - XXX**

**Connector Configuration**

M = Male

F = Fem/Fem

**Style**

= No Chain

C = Chain Included

**Frequency**

= DC - 18 GHz

067 = DC - 6 GHz

## Ordering Examples:

**Model Number: 3004MC**

DC - 18 GHz; SMA Male; Chain Included

**Model Number: 3004F-067**

DC - 6 GHz; SMA Female; No Chain

**Model Number: 3004M**

DC - 18 GHz; SMA Male; No Chain

*Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.*

*Design specifications are subject to change without notice.*

*Contact factory for technical specifications before purchasing or use.*