

# TERMINATIONS

## SMA

DC - 18 GHz  
10 Watts



MODELS: 3050M, 3050F, 3050MC, 3050FC

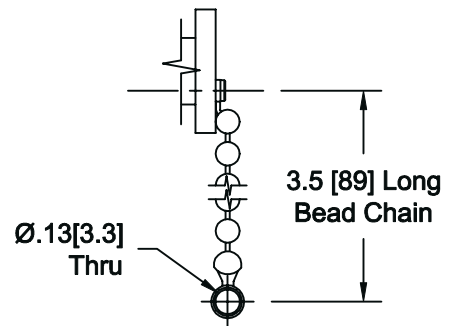
### SPECIFICATIONS:

#### Electrical:

Frequency Range \_\_\_\_\_ DC - 18 GHz  
VSWR \_\_\_\_\_  
DC - 8 GHz \_\_\_\_\_ 1.20:1 Max.  
8 - 12.4 GHz \_\_\_\_\_ 1.30:1 Max.  
12.4 - 18 GHz \_\_\_\_\_ 1.35:1 Max.  
Impedance \_\_\_\_\_ 50 Ohms  
Input Power \_\_\_\_\_ 10 Watts Avg. @ +25°C  
Derated Linearly to 2.0 Watts @ +125°C  
Peak Power \_\_\_\_\_ 1 kW Max.  
(5uSec Pulse, .05% Duty Cycle)  
Operating Temp Range \_\_\_\_\_ -54°C to +125°C

#### Mechanical:

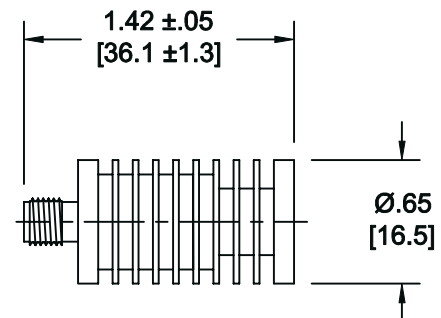
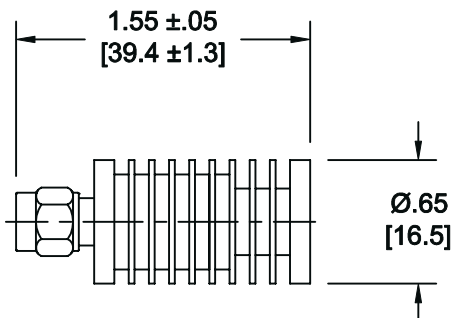
SMA Connectors \_\_\_\_\_ Passivated Stainless Steel  
Mates with MIL-STD-348  
Housing \_\_\_\_\_ Anodized Aluminum  
Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
Bead Chains \_\_\_\_\_ Passivated Stainless Steel



CHAIN DETAIL

Model Number: **3050M**  
SMA Male Connector

Model Number: **3050F**  
SMA Female Connector



### HOW TO ORDER:

Model Number: **3050XY**  
Connector Configuration ☐ Style  
M = Male = No Chain  
F = Female C = Chain Included

#### Ordering Examples:

Model Number: **3050MC**  
DC - 18 GHz; SMA Male; Chain Included

Model Number: **3050F**  
DC - 18 GHz; SMA Female; No Chain

Model Number: **3050M**  
DC - 18 GHz; SMA Male; No Chain

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

3050; REV D