

# TERMINATIONS

BNC, DC - 4 GHz, 2 Watts

## SPECIFICATIONS:

Models: 3029, 3029C, 3038, and 3038C

**RoHS**  
Compliant

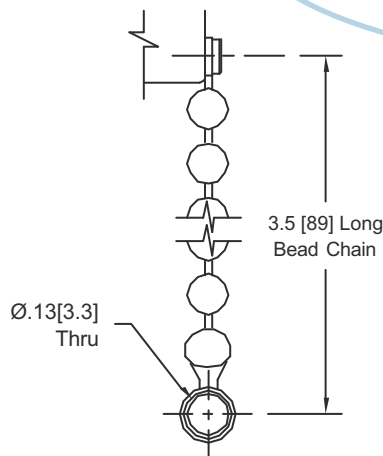
**AEROFLEX**  
A passion for performance.

### Electrical:

Frequency Range \_\_\_\_\_ DC - 4.0 GHz  
 Input Power \_\_\_\_\_ 2 Watts Avg. at 25°C derated  
 linearly to 0.5 Watts at 125°C  
 Peak Power \_\_\_\_\_ 250 Watts Max.  
 (5uSec Pulse, .05% Duty Cycle)  
 VSWR \_\_\_\_\_ See Below  
 Impedance \_\_\_\_\_ 50 Ohms  
 Temperature Coefficient \_\_\_\_\_ ±250 ppm/°C  
 Operating Temp. Range \_\_\_\_\_ -65°C to +125°C

### Mechanical:

BNC Connectors \_\_\_\_\_ Nickel Plated Brass  
 Mates with MIL-STD-348  
 Conductors: \_\_\_\_\_ Gold Plated Beryllium Copper or Brass  
 Insulators \_\_\_\_\_ Teflon  
 Bead Chains \_\_\_\_\_ Passivated Stainless Steel



CHAIN DETAIL

Model Number: **3029**

BNC Female Connector

VSWR:

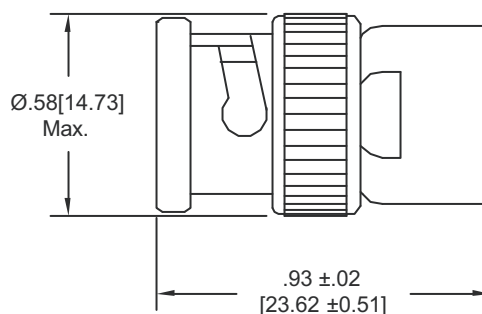
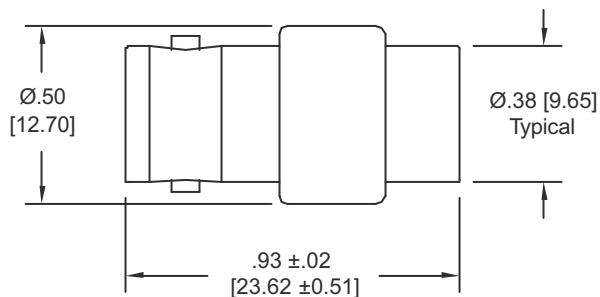
DC - 0.5 GHz \_\_\_\_\_ 1.05:1 Max.  
 0.5 - 2.0 GHz \_\_\_\_\_ 1.10:1 Max.  
 2.0 - 4.0 GHz \_\_\_\_\_ 1.15:1 Max.

Model Number: **3038**

BNC Male Connector

VSWR:

DC - 1.0 GHz \_\_\_\_\_ 1.10:1 Max.  
 1.0 - 3.0 GHz \_\_\_\_\_ 1.15:1 Max.  
 3.0 - 4.0 GHz \_\_\_\_\_ 1.20:1 Max.



## HOW TO ORDER:

Model Number: **30XXY**

Base Model Number \_\_\_\_\_ Style  
 3029 = Female \_\_\_\_\_ = No Chain  
 3038 = Male \_\_\_\_\_ C = Chain Included

## Ordering Examples:

Model Number: **3038C**  
 DC - 4 GHz; BNC Male; Chain Included

Model Number: **3029**  
 DC - 4 GHz; BNC Female; No Chain

Model Number: **3038**  
 DC - 4 GHz; BNC Male; No Chain

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

3038: REV G



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