

# TERMINATIONS

Type N, up to 18 GHz, 2 Watts

## SPECIFICATIONS:

Models: 3070M, 3070F, 3070MC, 3070 FC

**RoHS**  
Compliant

**AEROFLEX**  
A passion for performance.

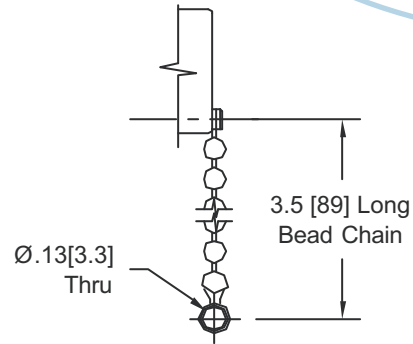
### Electrical:

Frequency Range	DC - 18 GHz	
Standard Freq. Values	6** & 18 GHz	
VSWR	Male Units	Female Units
DC - 8 GHz	1.20:1 Max.	1.20:1 Max.
8 - 12.4 GHz	1.20:1 Max.	1.25:1 Max.
12.4 - 18 GHz	1.25:1 Max.	1.30:1 Max.
Impedance	50 Ohms	
Input Power	2 Watts Avg. @ +25°C Derated Linearly to 1 Watts @ +125°C	
Peak Power	1.0 kW Max. (5uSec Pulse, .05% Duty Cycle)	
Operating Temp Range	-65°C to +125°C	

### Mechanical:

Type N Connectors	Nickel Plated Brass
<small>Mates with MIL-STD-348</small>	
Conductors	Gold Plated Beryllium Copper
Bead Chain	Passivated Stainless Steel

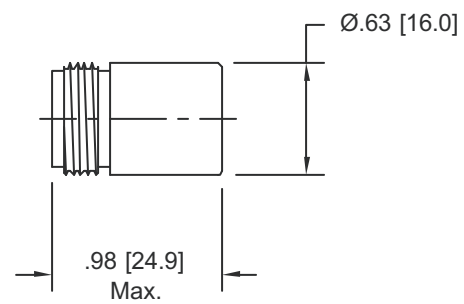
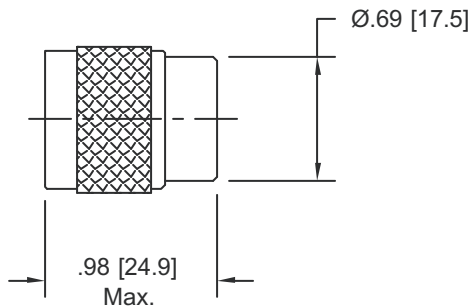
\*\*For DC - 6 GHz Male Units add -067 to the Model Number.  
For DC - 6 GHz Female Units please contact sales.



CHAIN DETAIL

Model Number: **3070M**  
Type N Male Connector

Model Number: **3070F**  
Type N Female Connector



## HOW TO ORDER:

Model Number: **3070XY-XXX**

Connector Configuration  
M = Male  
F = Female

Frequency Range  
= DC - 18 GHz  
067 = DC - 6 GHz

Style  
= No Chain  
C = Chain Included

## Ordering Examples:

Model Number: **3070FC**  
DC - 18 GHz; Type N Female; Chain Included

Model Number: **3070M-067**  
DC - 6 GHz; Type N Male; No Chain

Model Number: **3070M**  
DC - 18 GHz; Type N Male; No Chain

Note: Please contact Sales for information on 6 GHz Female unit.  
chain units are not offered on DC-6 GHz Female units.

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 and/or use.

3070: REV H

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