



# ORITRON ELECTRONICS CORPORATION

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**MANUFACTURER OF RF / MICROWAVE CONNECTORS SINCE 1972**

## DATA SHEET

### “ORITRON” BNC Straight Plug - Clamp

#### BNC Straight Plug - Clamp



ORITRON Part no. H-3102

### SPECIFICATIONS

#### Electrical Characteristics

|                                     |                        |
|-------------------------------------|------------------------|
| Impedance                           | 50 ohms                |
| Frequency (Max.)                    | DC – 4 GHz             |
| VSWR                                | $\leq 1.3$             |
| Working Voltage                     | $\geq 500$ V Peak      |
| Di-Electric Withstanding Voltage    | $\geq 1500$ Vrms       |
| Contact Resistance (Center Contact) | $\leq 1.5$ m $\Omega$  |
| Contact Resistance (Outer Contact)  | $\leq 1.0$ m $\Omega$  |
| Insulation Resistance               | $\geq 5000$ M $\Omega$ |

#### ENVIRONMENTAL

|                   |                                            |
|-------------------|--------------------------------------------|
| Temperature Range | - 20 <sup>0</sup> C to +125 <sup>0</sup> C |
|-------------------|--------------------------------------------|

#### Mechanical Characteristics

|                |                         |
|----------------|-------------------------|
| Coupling       | 2-stud bayonet coupling |
| No. of matings | $\geq 500$              |

#### Material

| Part              | Material       | Plating |
|-------------------|----------------|---------|
| Body              | Brass          | Nickel  |
| Center Pin (Plug) | Brass          | Gold    |
| Insulator         | Teflon         |         |
| Clamp Gasket      | Silicon Rubber |         |

#### Suitable Cable

RG 55, RG58, LMR 195, LMR 200



- Image given for reference only. Actual product may differ slightly due to continuous development in design.
- Specifications are subject to change without prior notice.