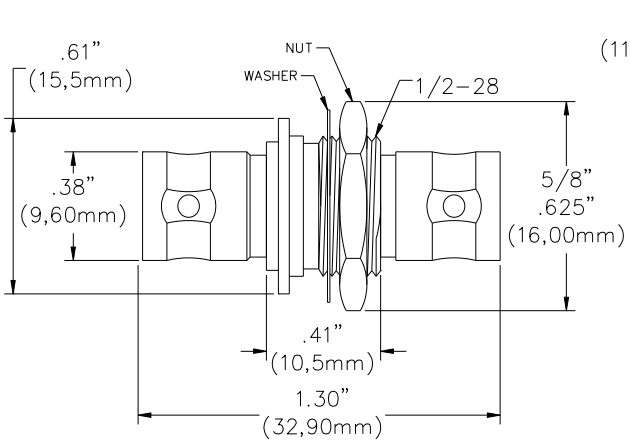
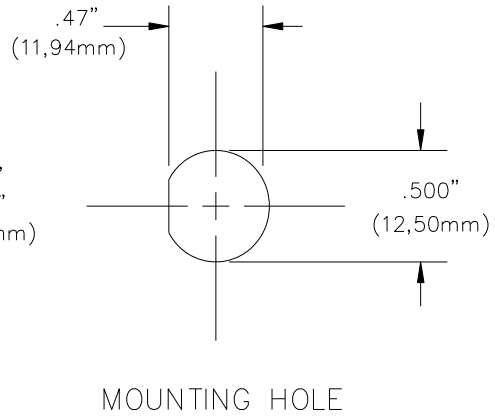
# Model 6705
# Isolated BNC F/F Panel Connector for HDTV






**Features:**

- ✓ True 75 ohm impedance.
- ✓ Designed to meet the rigid standards for HDTV.
- ✓ Panel isolated with black nickel plating for easily identification as an HDTV connector.
- ✓ Connectors are precision machined (not die-cast) from brass.
- ✓ Insulator material is high density PTFE to maintain a perfect dielectric constant.
- ✓ Connectors utilize gold plated contact pin to maintain low return loss in high definition applications.

**Materials:**

| | |
|---|---|
| Connector Body: | Black nickel plated brass |
| Outer Contact: | Nickel plated brass |
| Female Contact Pin: | Gold plated brass |
| Insulator: | Polytetrafluorethylene (PTFE) |

**Ratings:**

| | |
|---|---|
| Impedance: | 75 ohms |
| Frequency: | 0 to 3 GHz. |
| VSWR: | 1.3 max |
| Insertion Loss: | 0.2 db (@ 3GHz.) |
| Leakage Loss: | -55 db (@ 3GHz.) |
| Contact Resistance: | 3 Milliohms |
| Insulation Resistance: | 5,000 Megohms |
| Insertions: | 500 |
| Temperature: | -40° F to 185° F (-40°C to +85°C) |

Operating Voltage: Hands free usage in controlled voltage environments: 500 Vrms maximum. *For CE compliance*: not intended for hand-held use at voltages above 33 Vrms/70 Vdc.

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (,51 mm), .xxx = ± .005" (,127 mm).
All specifications are to the latest revisions. Specifications are subject to change without notice.
Registered trademarks are the property of their respective companies. Made in USA

Sales: 800-490-2361 Fax: 888-403-3360 Technical Assistance: 800-241-2060
For "Where to Buy" information, visit the Pomona web site at www.pomonaelectronics.com

Rev: 100
D1099638