



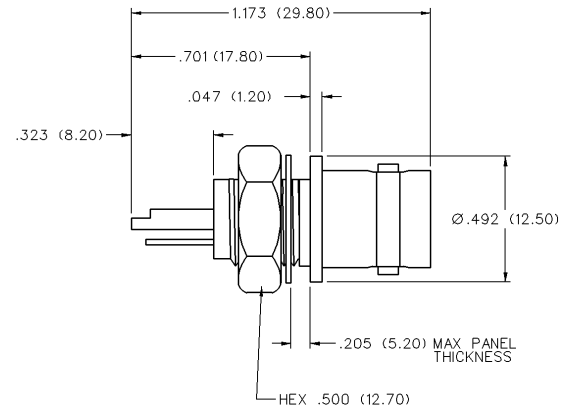
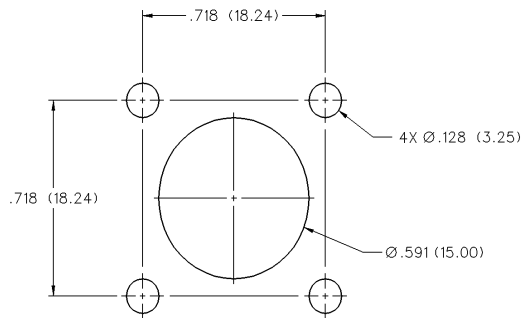
**CAMBRIDGE  
PRODUCTS**

INCHES (MILLIMETERS)  
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

# BNC 75 Ohm Front Mount Bulkhead Jack Receptacle - Isolated



CP-AD520



# 75 Ohm Commercial BNC Connectors



INCHES (MILLIMETERS)  
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

The BNC series connector is a commercial quality product that intermates with all standard double bayonet stud BNC designs. All contacts are captivated for ruggedness. The 50 ohm and 75 ohm interfaces are intermateable and provide quick, reliable connections for instrumentation, medical and LAN applications.

## Specifications\*

### 75 Ohm BNC

#### Electrical Characteristics

Impedance: 75 Ohm nominal

Frequency range: 0-2 GHz

Working voltage: 500 volts RMS at sea level

Dielectric withstanding voltage: 1500 volts RMS at sea level

Corona level: 375 volts minimum at 70,000 feet

Contact resistance: Outer - 0.2 milliohms maximum

Center - 2.1 milliohms maximum

Insulation resistance: 5000 megohms minimum

#### Environmental Characteristics

Recommended temperature range: -55°C to +85°C

Moisture resistance: MIL-STD-202

#### Mechanical Characteristics

Durability: 500 cycles

Force to engage/disengage: 3 lbs. maximum

Cable retention: 20 lbs., RG-59 C/U cable

#### Materials

Body: Zinc or brass

Contact: Brass or beryllium copper

Spring Washer: Beryllium copper

Crimp sleeve: Brass

Insulator: TPX

Plating: Body - Nickel (except where noted)

Crimp sleeve - Nickel

Contact - Nickel/Gold

# Mouser Electronics

Authorized Distributor

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