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Type C female 4-Hole Panel Mount Solder Connector

Technical Data Sheet



This Type C Female 4-Hole Panel Mount Solder Connector is one of several thousand RF products available from Max-Gain Systems, Inc.

This connector is made from a Solid Brass body that is precision machined and plated with Nickle for superior performance and value. This HN Female 4-Hole Panel Mount Solder Connector has a PTFE dielectric and a gold plated brass center pin. The Type C female provides a jack and exterior bayonets enabling a quick connection for use at higher frequencies up to 10 GHz. Our engineers have increased the voltage capability of this connector with its extended solder cup and ribbed dielectric to handle over 4,000 volts.

Material Specifications

Type C female 4-Hole Panel Mount Solder Connector

Part Number 8311-C-400HV

Description	Material	Plating
Insulator	PTFE	White
Pin	Phosphor Bronze	Gold
Body	Brass	Nickel
Washer	Brass	Nickel

Electrical Specifications

Criteria	Dimension
Impedance (Nominal)	50 Ohms
Frequency Range	DC to 10 GHz
Working Voltage	4,000

Mechanical Specifications

Size	Dimension
Length	1.31 in (33.37 mm)
Width	1.00 in (25.44 mm)
Height	1.00 in (25.44 mm)
Weight	0.9 oz (24 g)

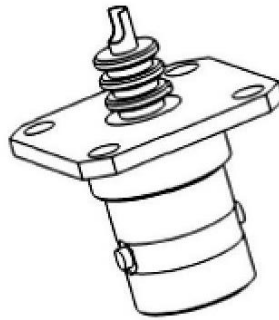
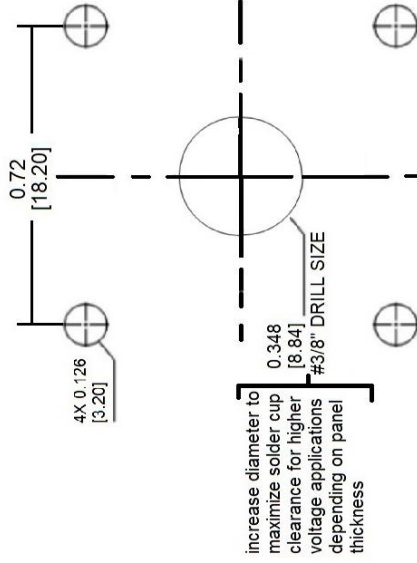
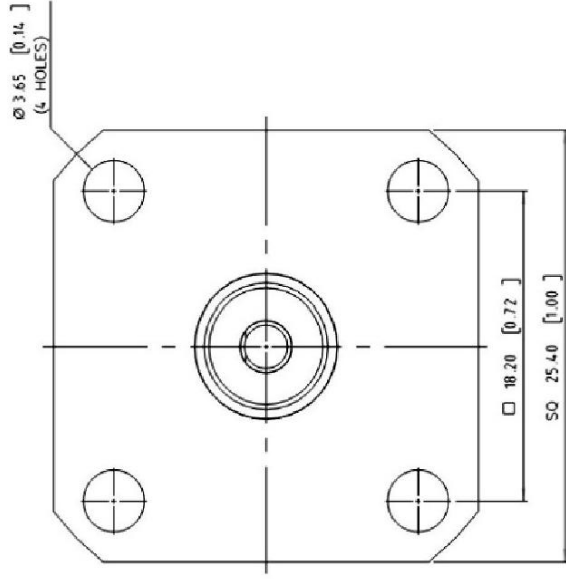
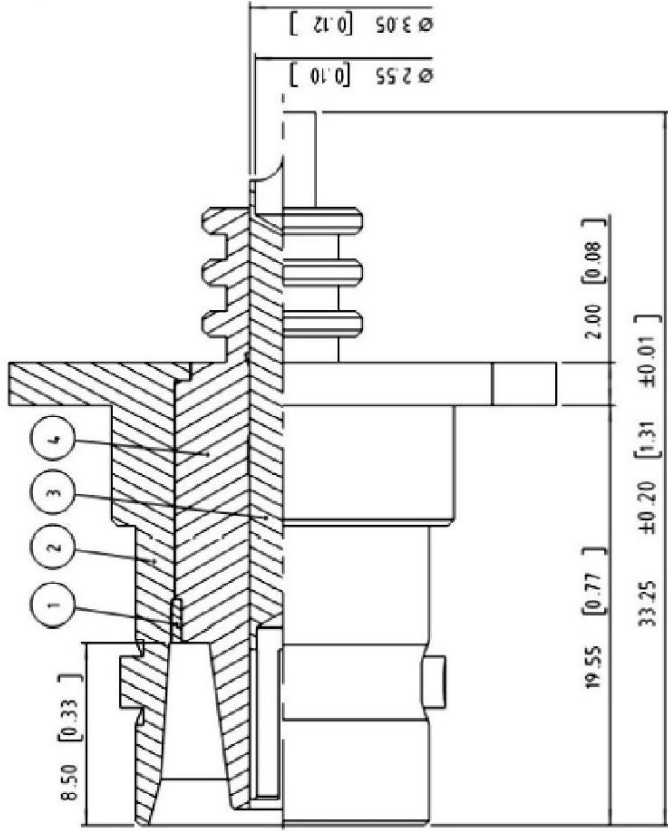
Environmental Specifications

Temperature	Spec
Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current documentation)

Availability Click the following link (or enter part number in the “SEARCH” bar at the top of any page of the website) to obtain additional part information including price, inventory and certifications: <https://mgs4u.com/product/type-c-female-4-hole-panel-mount-solder-connector/>

Working Voltage	4,000
Frequency Range	DC to 10 GHz
Impedance	50 Ohms



RECOMMENDED MOUNTING



Max-Gain Systems, Inc.
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PART NO	DATE	APPROVED	DATE	CHECKED	DATE	DRAWN	DATE
UNLESS OTHERWISE SPECIFIED TOLERANCES 0.5-5 = ±0.2 5-30 = ±0.4 30-120 = ±0.6 120-315 = ±1.0 315-1000 = ±1.6 1000-2000 = ±2.4							
4	INSULATOR	TEFLON	WHITE	1	UNIT: mm	SCALE: .	QTY
3	PIN	BERYLLIUM COPPER	GOLD	1			
2	BODY	BRASS	NICKEL	1			
1	WASHER	BRASS	NICKEL	1			
NO.	DESCRIPTION	MATERIAL	FINISH				

TITLE: Type C female 4 Hole Panel Mount
 High Voltage Solder Cup

DRAWING NO: 8311-C-400HV

CAGE CODE: 7JZZ8