

Revisions

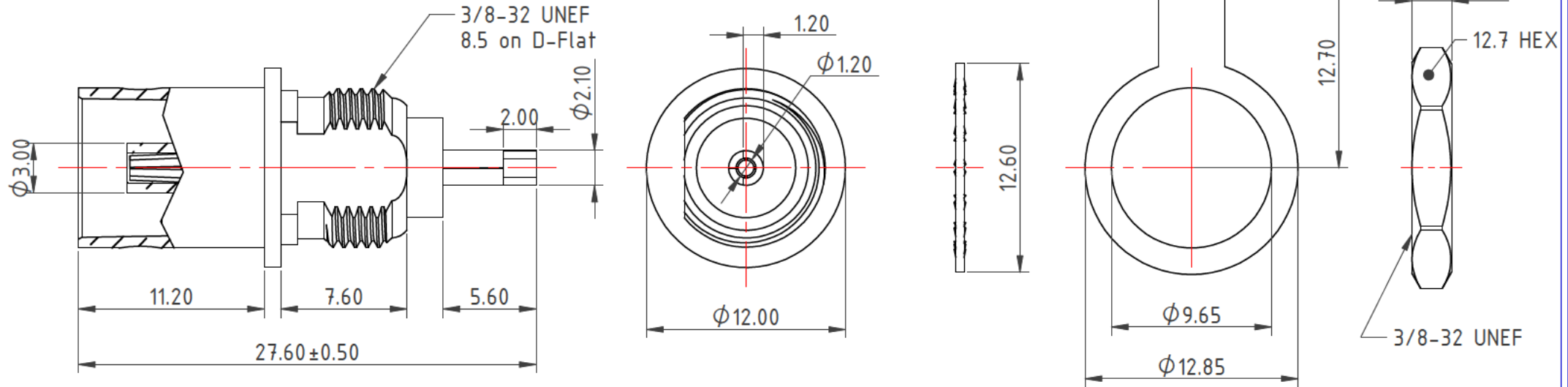
"Note: Revisions B; B-1; B-2..... On Behalf of Official Drawing.
Revisions 1; 2; 3; 4..... On Behalf of Experiment's Drawing."

ISS	Symbol	Explanation	Date
B	△	Formal Drawing Released.	2019/02/18

Outline Drawing

Notes :

- Any Electrical, Mechanical or Environmental Test Per MIL-PRF-39012F Should be Spotlighted, as We May Not Have All Testing Equipment to Cover All of It.
- All Metal Materials Are in Compliance with RoHS 2 Directive 2011/65/EU Annex III Section 6 Paragraph.



Electrical :

Impedance : 75Ω
 Frequency Range : 0-1 GHz .
 Voltage Rating : ≥ 500 V rms (depending on cable)
 Insulator Resistance : ≥ 5 GΩ
 Dielectric Withstanding Voltage : 1500 V rms .
 Contact Resistance : Center Contact ≤ 1.5 mΩ .
 Outer Contact ≤ 1 mΩ .

Mechanical :

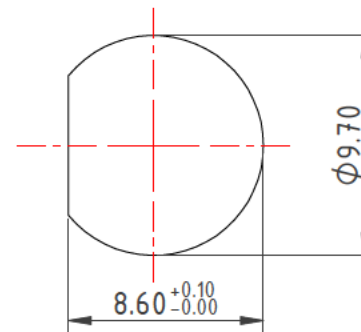
Mating : Bayonet Coupling.
 Recommended Mating Torque : 0.6-2.5 lbs
 Coupling Nut Retention Force : ≥ 101.2 lbs

Environmental :

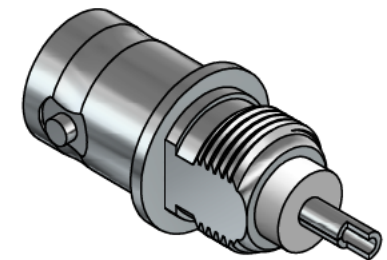
Temperature Range : -65°C to 165°C
 Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. C
 Thermal Shock : MIL-STD-202, Method 107, Cond. B
 Mechanical : MIL-STD-202, Method 213, Cond. G
 Vibration : MIL-STD-202, Method 204, Cond. B

Finish [Unit of Plating Thickness Is in Micro Inch(μ)]

- Nickel Plating Thk. : 50 μ" min. (Under Plating)
- Gold Plating Thk. : 2 μ" max. (Over Finish 1)



Recommended Mounting Hole



6	Nut	Steel	Finish 1		
5	Grounding Tag	Steel	Finish 1		
4	Lock Washer	Steel	Finish 1		
3	Inner Contact	P. Bronze	Finish 1/2 (P)		
2	Insulator	Delrin	White		
1	Body	Brass	Finish 1		
ITEM	Description	Material	Finish	Part Number	QTY

*RoHS and REACH are fully complied to create a greener planet for future generations.

Scale	Abbr.	Date	Rev
NTS	ST	2019/2/20	B

Tolerances :
 .X ±0.2
 .XX ±0.1
 .XXX ±0.05
 Angular : ±1°

Drawn	Checked	Approved
Mark	Mark	Thomas
2019/2/20	2019/2/20	2019/2/20



All Dimensions in mm(Inch)
(Unless Otherwise Specified)

DWG.NO.	BNC75-4201D-DGN	
Customer P/N:		
Title	BNC B/H Jack, Solder Type (75Ohm)	
SCHMID-M		