

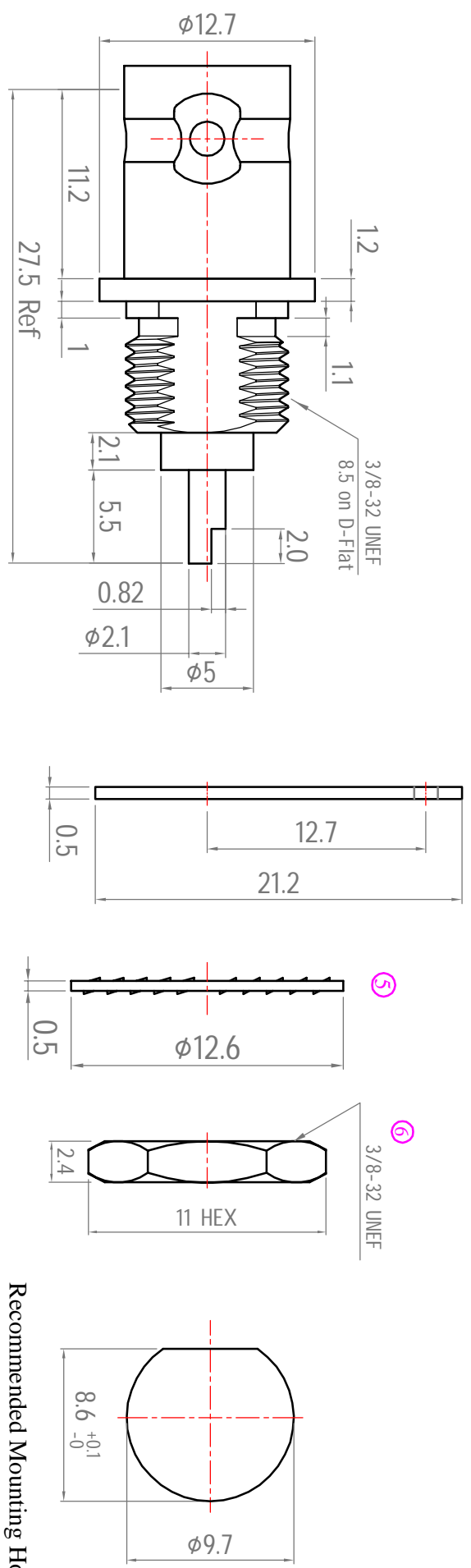
# Revisions

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	Description
B		CHE for New Drawing Frame & New P/N System
		Date
		2006/07/10

## Notes :

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

## Outline Drawing



Recommended Mounting Hole

**Electrical :**  
 Impedance : 50 ohm  
 Frequency Range : 0~4 GHz  
 Voltage Rating :  $\geq 500$  V rms (depending on cable)  
 Insulator Resistance :  $\geq 5$  G $\Omega$   
 Dielectric Withstanding Voltage : 1500 V rms.  
 Contact Resistance : Center Contact  $\leq 1.5$  m $\Omega$ .  
 Outer Contact  $\leq 1$  m $\Omega$ .

**Mechanical :**  
**Mating : Bayonet Coupling.**  
**Recommended Mating Torque : 0.6-2.5 lbs**  
**Coupling Nut Retention Force :  $\geq 101.2$  lbs**

**Environmental :**  
**Temperature Range : -65 C to 165 C**  
**Corrosion(Salt Spray) : MIL-STD-202, Method 101, Cond. B**  
**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( $\mu$ )]

1. Nickel Plating Thk : 50  $\mu$ " min. (Under Plating)
2. Gold Plating Thk : 2  $\mu$ " max. (Over Finish 1)

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

6	Nut	Steel	Finish 1																	
5	Washer	Steel	Finish 1																	
4	Grounding Tag	Steel	Finish 1																	
3	Inner Contact	Brass	Finish 1/2(P)																	
2	Insulator	Delrin	None																	
1	Body	Brass	Finish 1																	
ITEM	Description	Material	Finish	Part Number	QTY	Scale	Author	Date	Checked	Approved	Customer P/N	Rev	Proprietary Note This document contains information proprietary to TruConnect, which is not to be distributed, copied, reproduced, or otherwise used in any form by any method, or for any purpose, without TruConnect, UK.							
						NIS	ST	2016/08/31	Mark	H. Sun	16-0111	B								
Tolerances : X: ±0.2 XX: ±0.1 XXX: ±0.05 Angular : X: ±1°													All Dimensions in mm (Unless Otherwise Specified)							
Scale: NIS Author: ST Date: 2016/08/31 Checked: Mark Approved: H. Sun													DWG-NO: 16-0111 Customer P/N:							
Drawn: Louis 2016/08/31													TITLE: BNC B/H Jack, Solder Type 							