

For reference only

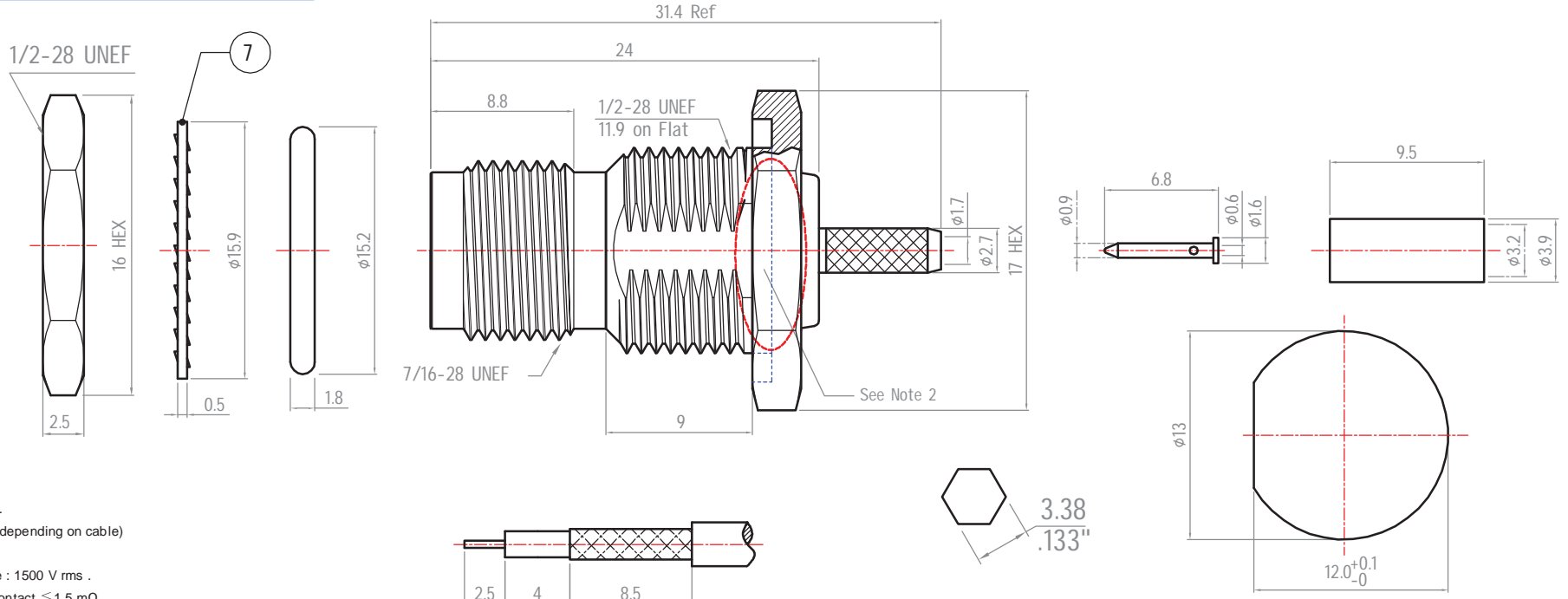
Revisions

Note: Revisions B; B-1; B-2..... On behalf of official Drawing.
Revisions 1; 2; 3; 4..... On behalf of experimenter's Drawing.

ISS	Symbol	Description	Date
B		CHE for New Drawing Frame & New PN System	2006/07/11
B-1		CHE for DWG. NO. from T215A3N01-M-5 to T215A2N01-M-5.	2010/04/02
B-2		CHE for DWG. NO. from T215A2N01-M-5 to T215A3N01-M-5.	2010/04/14
B-3		CHE Item 7 P/N; from W0102ISF-159 to W0102ISP-159.	2014/02/25

Notes :

- Any Electrical, Mechanical or Environmental Test Per MIL-PRF-39012F Should be Spotted, as We May Not Have All Testing Equipment to Cover All of It.
- The D-Flat on the Threads Must Line Up with the Flat on the Hex.
- All Metal Materials Are in Compliance with RoHS 2 Directive 2011/65/EU Annex III Section 6 Paragraph.
- Recommended Crimped Hand Tool : for Ferrule P/N - HT-H116N
- Waterproof Class : **IP 67**
- Leakage Test: Must Resist 5 PSI When it's Installed Into a Box and Immersed Into a Water Tank.



Electrical :

Impedance : 50 ohm
 Frequency Range : 0~11 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 .

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

Mechanical :

Mating : 7/16-28 UNEF Screw-on Coupling.
 Recommended Mating Torque : 4.1~6.1 lbs
 Coupling Nut Retention Force : ≥ 101.2 lbs

Recommended Cable Stripping Dimensions

Recommended Crimping Dimensions for Ferrule

Recommended Mounting Hole

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

- Nickel Plating Thk. : 80 μ" min. (Under Plating)
- Gold Plating Thk. : 2 μ" max. (Over Finish 1)
- Passivated

ITEM	Description	Material	Finish	Part Number	QTY
7	Washer	SS304	Finish 3	W0102ISP-159	
6	Nut	Brass	Finish 1		
5	O-Ring	Si-Rubber	Black		
4	Ferrule	Brass	Finish 1		
3	Inner Contact	Brass	Finish 1/2		
2	Insulator	PTFE	None		
1	Body	Brass	Finish 1		

Scale	Abbr.	Date	Rev.	DWG. NO.	TITLE	
NTS	ST	2016/08/29	B-3	T215A3N01-M-5	TNC B/H-O Jack, Crimp Type(IP67) for RG316, RG174 Cable	
Tolerances :				Customer P/N:		<p>Proprietary Note This document contains information proprietary to MAP, which is either copyrighted, or patent applied for, and / or protected by trade secret laws. This document or parts thereof, may not be used, disclosed or reproduced in any form by any method, or for any purpose, without the written permission of MAP, Japan.</p>
.X ±0.2				All Dimensions in mm (Unless Otherwise Specified)		
Drawn	Checked	Approved	Mark	Ryan G. Sun		
2016/08/29	2016/08/29	2016/08/29				