Change new drawing frame in Blue Color since 2009/07/01 Revisions to comply with Company CIS Policy.

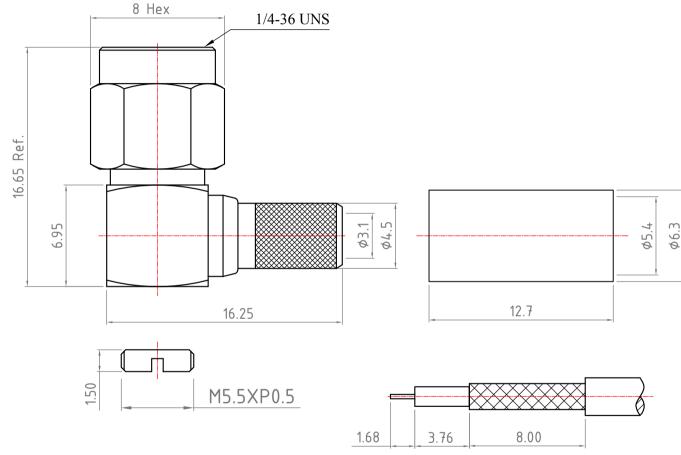
Note: Revisions B; B-1; B-2.... On Behalf of Official Drawing.

Revisions 1: 2: 3: 4 On Behalf of Experiment's Drawing.

Revisions 1, 2, 3, 4 On Behan of Experiment's Drawing.									
ISS	Symbol	Description	Date						
В	ß	CHE for New Drawing Frame & New PN System	2006/07/10						

Notes:

- 1. Any Electrical, Mechanical or Environmental Test Per MIL-C-39012 Should be Spotlighted, as We May Not Have All Testing Equipment to Cover All of It.
- 2. Single Crimp: Recommended Dimensions Provided for Ferrule. Dual Crimp: Recommended Dimensions Provided for Ferrule And Center Pin. Please Advise Single/Dual in Advance to Avoid Any Inconvenience.
- 3. All Metal Materials Are in Compliance with RoHS 2 Directive 2011/65/EU Annex III Section 6 Paragraph.
- 4. Recommended Crimped Hand Tool: HT-801G



Recommended Crimped **Dimensions for Ferrule**

5.41

.213"

Outline Drawing

Environmental:

Insulator Resistance : $\geqq 5 \text{ G}\Omega$

VSWR: $\leq 1.2 + .03 f (GHz)$

Mechanical:

Electrical: Impedance: 50 ohm Frequency Range: 0~12.4 GHz.

Temperature Range : -65°C to 165°C

Mating: 1/4-36 UNS Screw-on Coupling.

Recommended Mating Torque: 7.1~9.7 lbs Coupling Nut Retention Force : ≥ 60.7 lbs

Voltage Rating: 500 V rms (depending on cable)

Dielectric Withstanding Voltage: 1000 V rms Contact Resistance : Center Contact $\leq 3 \text{ m}\Omega$.

Outer Contact $\leq 2.5 \text{ m}\Omega$

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. I Vibration: MIL-STD-202, Method 204, Cond. D

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

ITEM

Description

Material

Finish

Part Number

1. Copper Strike Plating Thickness: 30 μ" 2. Nickel Plating Thickness: 50 μ" 3. Gold Plating Thickness: 2 μ" max.

Recommended Cable **Stripping Dimensions**

2014/06/12

2	Body Shell	Brass Brass	Finish 1/2/3 Finish 1/2/3		Angular: .X ±1° Drawn Kevin	for anypurp S-Conn, Tair Checked	ose, without the wan	written permis		B-CONN	S-	Conn Enterprise Co., Ltd
3	Insulator	PTFE	None		.XX ±0.1 .XXX±0.05	for, and / or This docum	ich is either copyri protected by trade sent or parts ther reproduced in any	secret laws. eof, may not b	be used,		TITLE	SMA R/A Crimp Plug for RG58,LMR195,HDF195,URM43;76,B9907,PSF1/6 Cable
4	Pin	Brass	Finish 1/2/3		Tolerances : .X ±0.2		Proprietary nent contains info	rmation proprie		All Dimensions in mm (Unless Otherwise Specified)	Customer	
5	Ferrule	Brass	Finish 1/2/3		NTS	ST	2014/06/1	12	В	$\oplus \Box$	Custome	\$104N0G01-H
6	Cap	Brass	Finish 1/2/3		Scale Ab	br.	Date	Rev.		\$ —	DWG.NO	

2014/06/12

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