
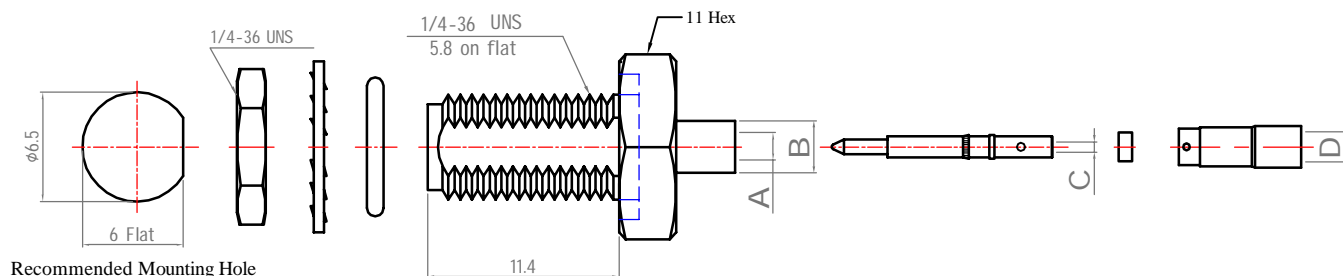


## Revisions

Outline Drawing

ISS	Symbol	Description	Date
B		CHE for New Drawing Frame & New PN System	2006/07/10



### Electrical :

Impedance : 50 ohm

Frequency Range : 0~12.4 GHz .

Voltage Rating :  $\geq 500$  V rms MIN. (depending on cable)

Insulator Resistance :  $\geq 5$  G $\Omega$

Dielectric Withstanding Voltage : 1000 V rms .

Contact Resistance : Center Contact  $\leq 3$  m $\Omega$ .

Outer Contact  $\leq 2.5$  m $\Omega$  .

Cable Type	Dimensions			
	A	B	C	D
RG178	2.4	3.1	0.6	1.9
1.37	2.4	3.1	0.6	1.4
1.32	2.4	3.1	0.6	1.4
1.13	2.4	3.1	1.1	1.2
0.81	2.4	3.1	1.5	0.9

### Mechanical :

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

Recommended Mating Torque : 7.1~9.7 lbs

Coupling Nut Retention Force :  $\geq 60.7$  lbs

### Notes :

1. The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.
2. Any changes for interface dimensions are strictly prohibited.
3. The Material and plating are in various options per customer's request.
4. A complete information for connectors is available upon request.

### 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. I

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

Scale	Abbr.	Date	Rev.
NTS	ST	2017/03/16	B

Tolerances :	
.X $\pm 0.2$	
.XX $\pm 0.1$	
.XXX $\pm 0.05$	

Drawn	Checked	Approved
Mark	Ryan	G. Sun
2015/03/04	2015/03/04	2015/03/04

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Customer P/N: Nil

DWG.NO.

RS271

TITLE

RP SMA B/H-O Jack, Crimp Type



**S-Conn Enterprise Co., Ltd.**

