

## Electrical :

Impedance : 50 ohm

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
RG174,316	1.7	2.7	0.6	3.2
RG316 Double Braided	1.7	2.7	0.6	3.6
Mini Coaxial Cable	1.5	2.7	0.6	
RG178	0.93	1.7		
RG58	3.1	4.65	1.1	5.4
LMR 240	3.9	5.5	1.5	6.6

## 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.	<div>Proprietary Note</div> <div>This document contains information proprietary to S-Conn, which is either copyrighted, or patent applied for, and / or protected by trade secret laws.</div> <div>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 S-Conn, Taiwan.</div>	DWG.NO.	RS204	
NTS	ST	2019/07/18	B		TITLE		
<div>Tolerances : .X ±0.2 .XX ±0.1 .XXX ±0.05</div> <div></div> <div>All Dimensions in mm (Unless Otherwise Specified)</div>					Customer P/N: Nil		
Drawn	Checked	Approved		<div>S-Conn Enterprise Co., Ltd.</div>			 <div>let's Connect The World!</div>
Mark	Ryan	G. Sun					
2019/07/18	2019/07/18	2019/07/18					