

## Electrical :

Impedance : 75 ohm

Voltage Rating : 500 V rms.(depending on cable)

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

Dielectric Withstanding Voltage : 1500 V rms .

Contact Resistance : Center Contact  $\leq 10 \text{ m}\Omega$ .

Outer Contact  $\leq 1 \text{ m}\Omega$  .

| Cable Type | Dimensions |     |      |
|------------|------------|-----|------|
|            | A          | B   | C    |
| 7C-2V      | 7.6        | 1.4 | 11.3 |

## Mechanical :

Mating : 3/8-32 UNEF Screw-on Coupling.

Recommended Mating Torque : 0.38~0.51 lbs

Coupling Nut Retention Force :  $\geq 1.5 \text{ lbs}$

## Environmental :

Temperature Range : -40°C to 60°C

Corrosion (Salt Spray) : IEC61169-1, Sub Clause 9. 4. 6

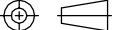
Thermal Shock : IEC61169-1, Sub Clause 9. 4. 4

Mechanical : IEC61169-1, Sub Clause 9. 3. 14

Vibration : IEC61169-1, Sub Clause 9. 3. 3

## 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.

|              |            |                                                                                     |                                                      |                                                                                                                                                                                                                                                                                                                                                                        |                        |      |                                                                                       |                                                                                       |
|--------------|------------|-------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Scale        | Abbr.      | Date                                                                                | Rev.                                                 | <p>Proprietary Note</p> <p>This document contains information proprietary to S-Conn, which is either copyrighted, or patent applied for, and / or protected by trade secret laws.</p> <p>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.</p> | DWG.NO.                | F108 |  |                                                                                       |
| NTS          | ST         | 2019/07/08                                                                          | B                                                    |                                                                                                                                                                                                                                                                                                                                                                        | TITLE                  |      |                                                                                       |                                                                                       |
| Tolerances : |            |  | All Dimensions in mm<br>(Unless Otherwise Specified) | Customer P/N: Nil                                                                                                                                                                                                                                                                                                                                                      | F S/T Plug, Crimp Type |      |                                                                                       |                                                                                       |
| .X ±0.2      | .XX ±0.1   |                                                                                     |                                                      |                                                                                                                                                                                                                                                                                                                                                                        |                        |      |                                                                                       | .XXX ±0.05                                                                            |
| Drawn        | Checked    | Approved                                                                            |                                                      | <div>S-Conn Enterprise Co., Ltd.</div>                                                                                                                                                                                                                                                                                                                                 |                        |      |                                                                                       |  |
| Mark         | Ryan       | G. Sun                                                                              |                                                      |                                                                                                                                                                                                                                                                                                                                                                        |                        |      |                                                                                       |                                                                                       |
| 2019/07/08   | 2019/07/08 | 2019/07/08                                                                          |                                                      | Let's Connect The World                                                                                                                                                                                                                                                                                                                                                |                        |      |                                                                                       |                                                                                       |