



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
7C-2V	M10	1.7

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.

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NTS	ST	2019/07/08	B					
Tolerances :		 		Customer P/N: Nil	TITLE	F S/T Plug, Twist-on Type		
.X	±0.2	All Dimensions in mm (Unless Otherwise Specified)						
.XX	±0.1							
.XXX	±0.05							
Drawn	Checked	Approved		S-Conn Enterprise Co., Ltd.				 S-CONN® Let's Connect The World
Mark	Ryan	G. Sun						
2019/07/08	2019/07/08	2019/07/08						