

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

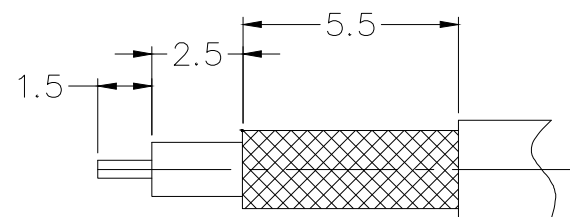
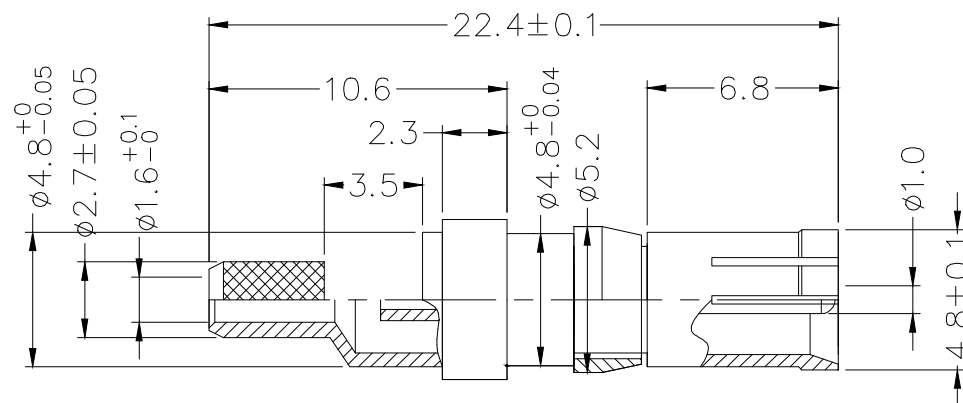
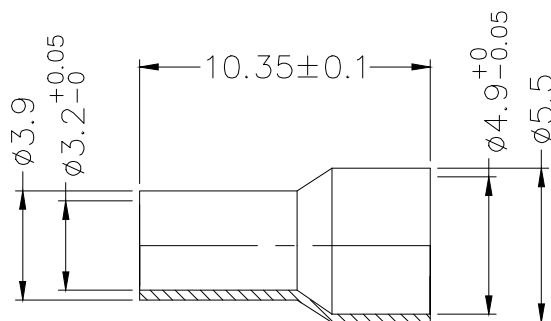
B

C

D

E

F



Recommended cable stripping dimension

SPECIFICATION

Technical Parameters

Temperature range: $-55\sim+125^{\circ}\text{C}$;
Characteristic impedance: 50Ω ;
Frequency range: $\text{DC}\sim 2\text{GHz}$;
Voltage Rating: 250V rms ;
Dielectric withstanding voltage: 1000V rms ;
Insulation resistance: $\geq 1000\text{M}\Omega$;
VSWR: $\leq 1.06(\text{DC}\sim 0.1\text{GHz})$
 $\leq 1.22(\text{DC}0.1\sim 0.5\text{GHz})$
 $\leq 1.5(\text{DC}0.5\sim 2\text{GHz})$

Inner Conductor Contact Resistance: $10\text{m}\Omega$ MAX;

Outer Conductor Contact Resistance: $5\text{m}\Omega$ MAX;

Mechanical

Durability: 500 cycles

Material and Plating

Insulators: PTFE(UL 94V-0), White

Contact: Brass, Gold plated

Body: Brass, Gold plated

Snap Ring: Phosphor Bronze, Ni plated

Crimp tube: Brass, Gold plated

Mating End: Phosphor Bronze, Gold plated

FTDC 01 - F 50 P 1 XX S W
1 2 3 4 5 6 7 8 9

1	Category	2	Distinction No.	3	Gender	4	Impedence	5	Contact
	FTDC-D-Sub coaxial contact		01		F-Female		50-500hm		P-Pin
6	Plating	7	Plating Thickness	8	Angle	9	Termination type		
	1-Gold Plated		01-0.025 μm 03-0.075 μm 04-0.125 μm 06-0.25 μm 07-0.375 μm 08-0.75 μm		S-180°Vertical		W-Soldering		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 04/JAN/22	PART NO. FTDC01-F50P1XXSW	ITEM NO. FTDC01	 Building Technology Cornerstone	
		X. ± 0.30	X." $\pm 5^{\circ}$	CHECKED BY GISELLE	DATE 04/JAN/22	TITLE D-Sub Coaxial Contact Jack 180" Vertical For RG316&.174 cable			
DESIGN UNITS mm		X.X ± 0.20	X.X" $\pm 2^{\circ}$	DRAWN BY PYD	DATE 04/JAN/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SCALE 5:1	SIZE A4	X.XX ± 0.15	X.XX" $\pm 1^{\circ}$						
		X.XXX ± 0.10	X.XXX" $\pm 0.5^{\circ}$						

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