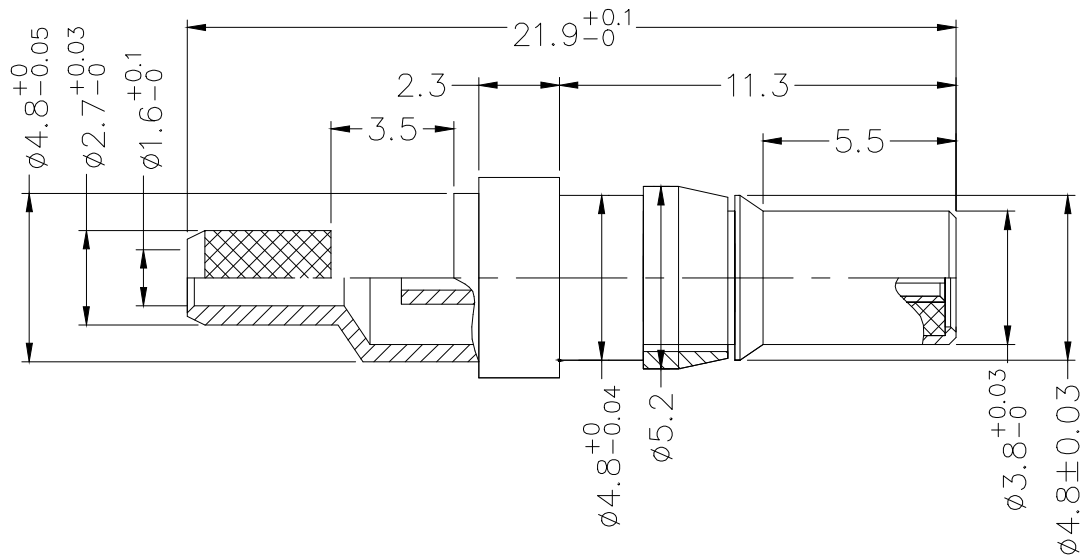
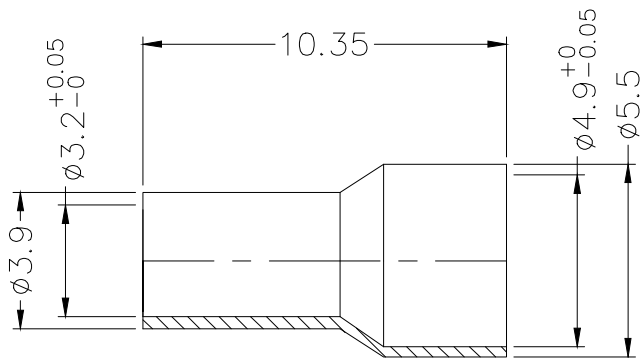


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATION

Technical Parameters

Temperature range: -55~+125°C;
Characteristic impedance: 50Ω;
Frequency range: DC~2GHz;
Voltage Rating: 250V rms;
Dielectric withstanding voltage: 1000V rms;
Insulation resistance: ≥1000MΩ;
VSWR: ≤1.06(DC0~0.1GHz)
≤1.22(DC0.1~0.5GHz)
≤1.5(DC0.5~2GHz)

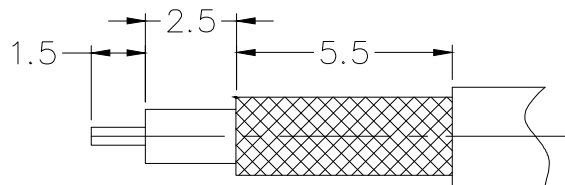
Inner Conductor Contact Resistance: 10mΩ MAX;
Outer Conductor Contact Resistance: 5mΩ MAX;

Mechanical

Durability: 500 cycles

Material and Plating

Insulators: PTFE(UL 94V-0), White
Contact: Phosphor Bronze, Gold plated
Body: Brass, Gold plated
Snap Ring: Phosphor Bronze, Ni plated



Recommended cable stripping dimension

FTDC 04 - M 50 S 1 XX S W
1 2 3 4 5 6 7 8 9

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

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 04/JAN/22	PART NO. FTDC04-M50S1XXSW	ITEM NO. FTDC04		
DESIGN UNITS mm		X. ±0.30	X.* ±5°	CHECKED BY	DATE	D-Sub Coaxial Contact Plug 180° Vertical PCB Through Hole		Building Technology Cornerstone	
		X.X ±0.20	X.X* ±2°	GISELLE	04/JAN/22				
		X.XX ±0.15	X.XX* ±1°						
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°	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			
						REV 0		SHEET NO. 1/1	