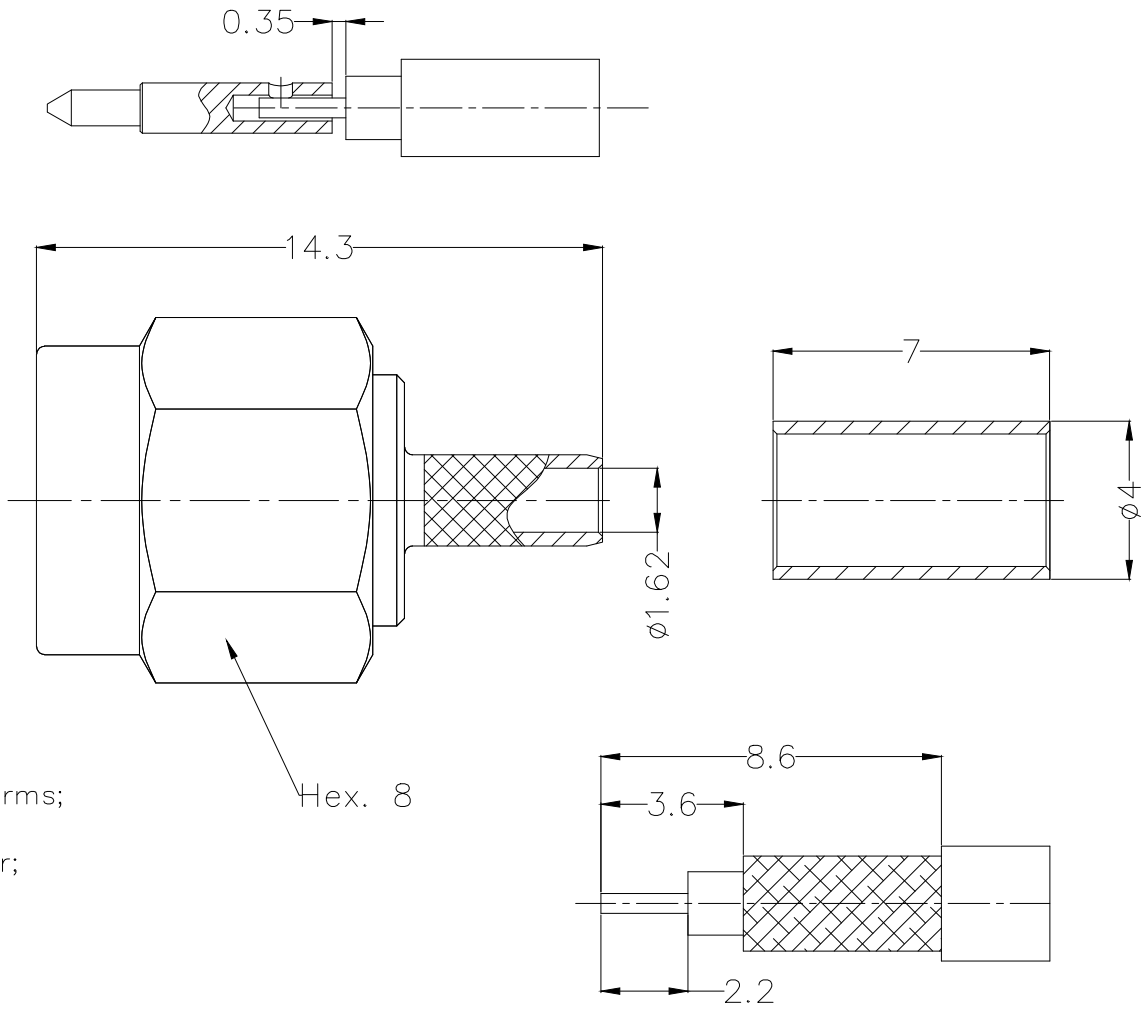


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATION

Technical Parameters
 Temperature range: $-65\sim+165^{\circ}\text{C}$;
 Characteristic impedance: 50Ω ;
 Ferquency range: $\text{DC}\sim 18\text{GHz}$;
 Dielectric withstanding voltage: 500V rms ;
 Insulation resistance: $\geq 1000\text{M}\Omega$;
 VSWR: $\leq 1.06(\text{DC}\sim 1\text{GHz})$; only connector;
 $\leq 1.08(1\sim 2.5\text{GHz})$;
 $\leq 1.15(2.5\sim 5\text{GHz})$;

Mechanical
 Durability: 500 cycles
 Salt spray: 96h

Material and Plating
 Insulators: PTFE(UL 94V-0), White
 Contact: Brass, $0.1\mu\text{m}$ Gold plated
 Body: Brass, $3\mu\text{m}$ Alloy plated
 Nut: Brass, $3\mu\text{m}$ Alloy plated
 Crimp tube: Brass, $3\mu\text{m}$ Alloy plated

Recommended cable stripping dimension

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X. ± 0.30	X.* $\pm 5'$	LEO	04/JAN/22	F00SMA-P50POSSP-04	F00SMA	
	X.X ± 0.20	X.X' $\pm 2'$	CHECKED BY	DATE	TITLE SMA Plug 180° Vertical For RG316		REV 0 SHEET NO. 1/1
	X.XX ± 0.15	X.XX' $\pm 1'$	GISELLE	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		
X.XXX ± 0.10	X.XXX' $\pm 0.5'$	DRAWN BY	DATE				
		PYD	04/JAN/22				