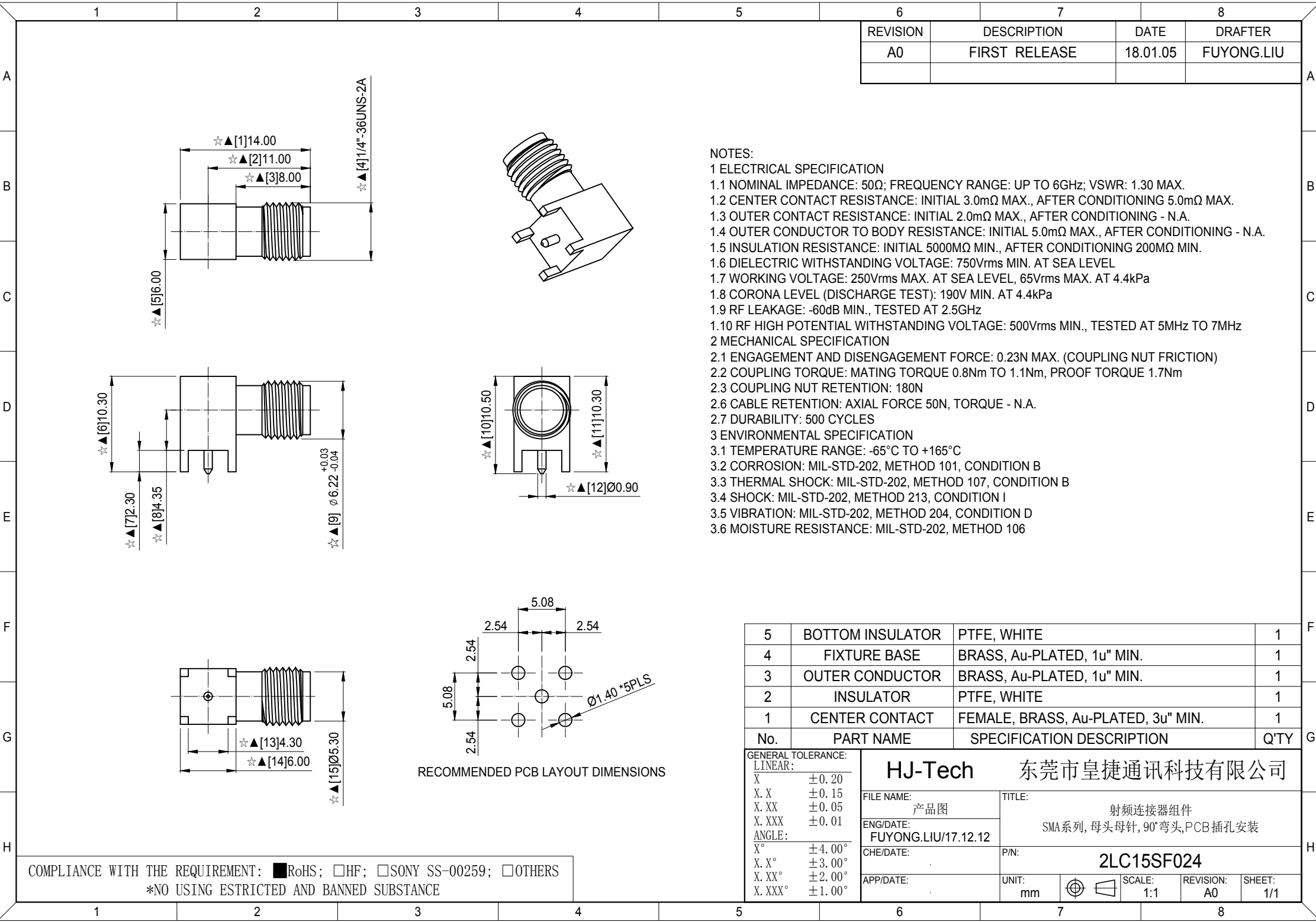




REVISION	DESCRIPTION	DATE	DRAFTER
A0	FIRST RELEASE	18.01.05	FUYONG.LIU

NOTES:

1 ELECTRICAL SPECIFICATION

1.1 NOMINAL IMPEDANCE: 50Ω; FREQUENCY RANGE: UP TO 6GHz; VSWR: 1.30 MAX.

1.2 CENTER CONTACT RESISTANCE: INITIAL 3.0mΩ MAX., AFTER CONDITIONING 5.0mΩ MAX.

1.3 OUTER CONTACT RESISTANCE: INITIAL 2.0mΩ MAX., AFTER CONDITIONING - N.A.

1.4 OUTER CONDUCTOR TO BODY RESISTANCE: INITIAL 5.0mΩ MAX., AFTER CONDITIONING - N.A.

1.5 INSULATION RESISTANCE: INITIAL 5000MΩ MIN., AFTER CONDITIONING 200MΩ MIN.

1.6 DIELECTRIC WITHSTANDING VOLTAGE: 750Vrms MIN. AT SEA LEVEL

1.7 WORKING VOLTAGE: 250Vrms MAX. AT SEA LEVEL, 65Vrms MAX. AT 4.4kPa

1.8 CORONA LEVEL (DISCHARGE TEST): 190V MIN. AT 4.4kPa

1.9 RF LEAKAGE: -60dB MIN., TESTED AT 2.5GHz

1.10 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500Vrms MIN., TESTED AT 5MHz TO 7MHz

2 MECHANICAL SPECIFICATION

2.1 ENGAGEMENT AND DISENGAGEMENT FORCE: 0.23N MAX. (COUPLING NUT FRICTION)

2.2 COUPLING TORQUE: MATING TORQUE 0.8Nm TO 1.1Nm, PROOF TORQUE 1.7Nm

2.3 COUPLING NUT RETENTION: 180N

2.6 CABLE RETENTION: AXIAL FORCE 50N, TORQUE - N.A.

2.7 DURABILITY: 500 CYCLES

3 ENVIRONMENTAL SPECIFICATION

3.1 TEMPERATURE RANGE: -65°C TO +165°C

3.2 CORROSION: MIL-STD-202, METHOD 101, CONDITION B

3.3 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B

3.4 SHOCK: MIL-STD-202, METHOD 213, CONDITION I

3.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D

3.6 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

5	BOTTOM INSULATOR	PTFE, WHITE	1
4	FIXTURE BASE	BRASS, Au-PLATED, 1u" MIN.	1
3	OUTER CONDUCTOR	BRASS, Au-PLATED, 1u" MIN.	1
2	INSULATOR	PTFE, WHITE	1
1	CENTER CONTACT	FEMALE, BRASS, Au-PLATED, 3u" MIN.	1
No.	PART NAME	SPECIFICATION DESCRIPTION	Q'TY

GENERAL TOLERANCE: LINEAR: X ±0.20 X.X ±0.15 X.XX ±0.05 X.XXX ±0.01 ANGLE: X° ±4.00° X.X° ±3.00° X.XX° ±2.00° X.XXX° ±1.00°		HJ-Tech 东莞市皇捷通讯科技有限公司	
FILE NAME: 产品图		TITLE: 射频连接器组件	
ENG/DATE: FUYONG.LIU/17.12.12		SMA系列, 母头母针, 90°弯头, PCB 插孔安装	
CHE/DATE:		P/N: 2LC15SF024	
APP/DATE:		UNIT: mm	SCALE: 1:1
		REVISION: A0	SHEET: 1/1

COMPLIANCE WITH THE REQUIREMENT: ☒RoHS; ☐HF; ☐SONY SS-00259; ☐OTHERS

*NO USING ESTRICTED AND BANNED SUBSTANCE