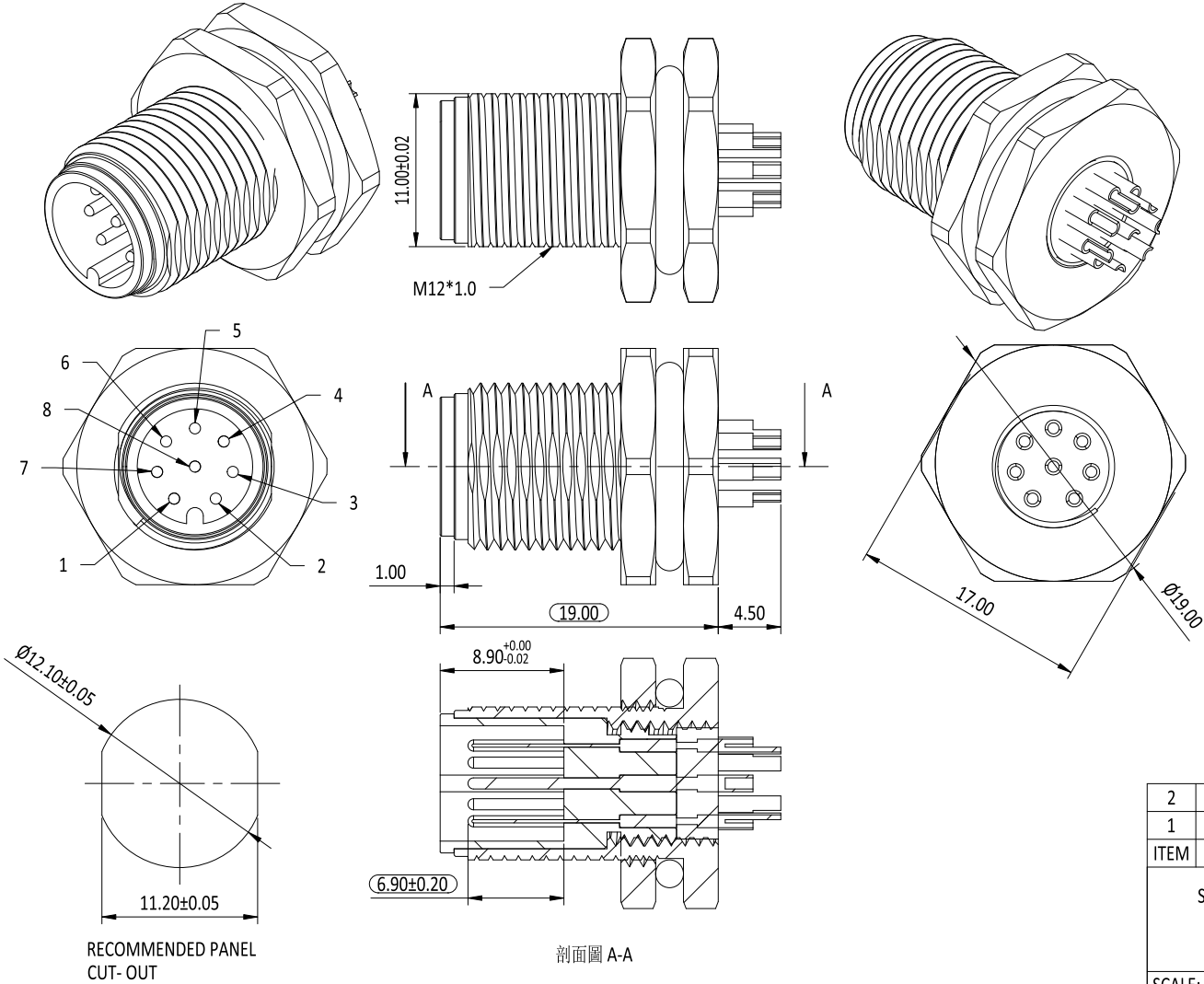
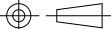


SPECIFICATION
MATERIAL AND FINISH:
1. INSULATOR: THERMAL PLASTIC, RATED UL94V-0
2. CONTACTS: COPPER ALLOY
3. CONTACTS TPYE: SOLDER TYPE
4. METAL PARTS : COPPER WITH NI PLATING
5. CONTACTS PLATING
 UNDERPLATE: 50u"~100u" NI
 CONTACT AREA: 1u" ~ 15u" AU
6. GENERAL DATA
 STANDARD/REGULATION: M12 CONNECTOR IEC 61076-2-101
 CODING: A-STANDARD
7. NUMBER OF POSITION: 8
8. AWG SINGAL LINE: 24

ELECTRICAL CHARACTERISTIC:
1. CURRENT RATING: 2 AMPS MAX.
2. INSULATION RESISTANCE: 100 MOHMS MIN @ 500 VDC
3. DEGREE OF PROTECTION: IP 67

ENVIRONMENT:
1. TEMPERATURE RANGE: -20°C TO +85°C
2. MATING CYCLES: 100 INSERTIONS



2				
1	54925010010	649AE08MSSD2NAA3	1u" AU	
ITEM	NEW P/N	OLD P/N	CONTACT AREA PLATING	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP	 CHANT SINCERE CO.,LTD	
ANG. ±2°		 Cmk Cpk		
.0 ±0.30				
.00 ±0.20				
.000 ±0.10				
SCALE:	AS SHOWN	UNIT:	mm	
DRAWN:	KEVIN_ZHENG	16 Jan 2024	TITLE: PDR-13021-B M12-8 PIN MALE CONNECTOR THROUGH PANEL MOUNT	
CHECKED:	PEARL_HUNG	23 Feb 2024		
APPROVED:	PEARL_HUNG	23 Feb 2024	PART NO.	5492501XXXX
	SIZE A4	SHEET 1/1	REV. B	CODE: GC
7		8	9	CUSTOMER:
				10

	B	ECN-2401039(JOLIN)NEW P/N	11JAN2024
	A	ECN-1402023(BEKE)	25FEB2014
ZONE	REVISION	DESCRIPTION	DATE
1	2	3	4
5	6	7	8
9	10		