

RoHS
compliant

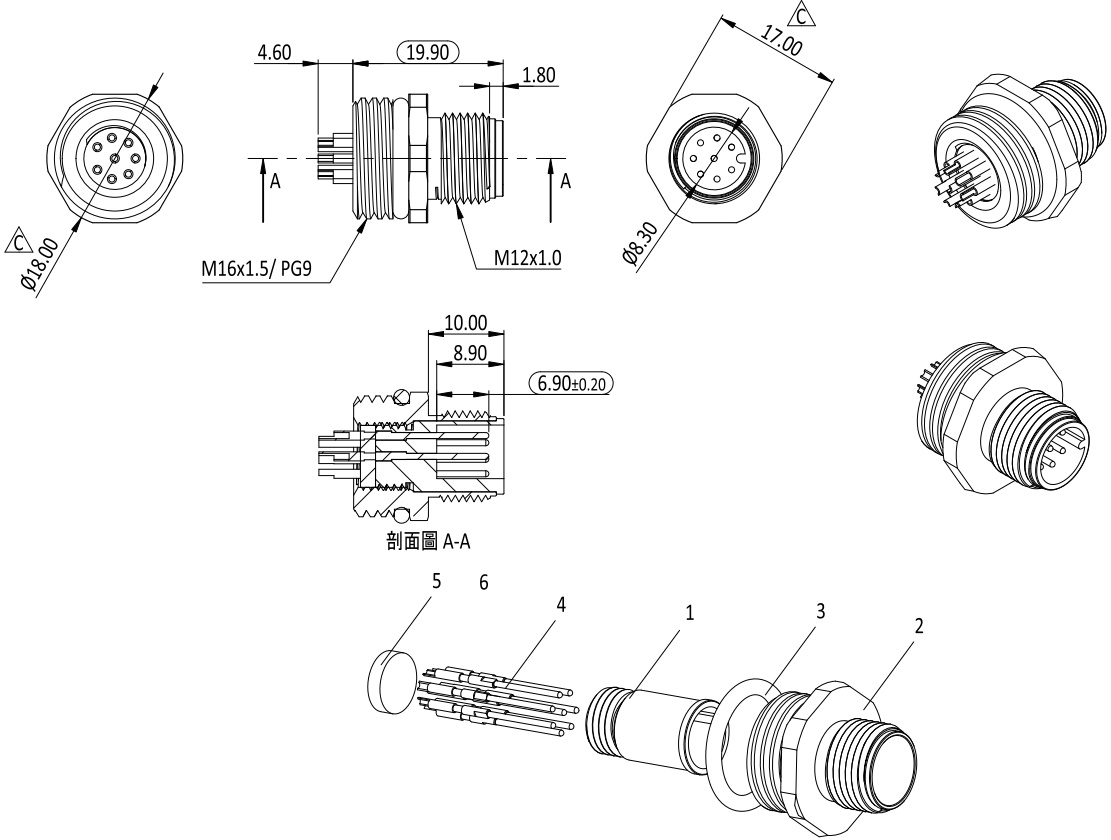


SPECIFICATION
MATERIAL AND FINISH:
1. INSULATOR: THERMAL PLASTIC, RATED UL94V-0, BLACK
2. CONTACTS: COPPER ALLOY
3. CONTACTS TPE: SOLDER TYPE
 PLATING: UNDERPLATE: 50~100u" NI
 CONTACT AREA: 1~15u" AU
 SOLDER TAILS AREA: 100~200u" SN/ LEAD FREE
4. METAL PARTS : STEEL WITH NI PLATING

GENERAL DATA:
1. STANDARD/ REGULATION: M12 CONNECTOR IEC 61076-2-101
2. CODING: A-STANDARD
3. NUMBER OF POSITION: 8
4. AWG SINGAL LINE: 24
5. CURRENT RATING: 2 Amps MAX.
6. INSULATION RESISTANCE: 100 MΩ MIN @ 500 VDC
7. DEGREE OF PROTECTION: IP 67
8. MATING CYCLES: 100 INSERTIONS

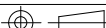
ENVIRONMENTAL :
1. TEMPERATURE RANGE: -20°C TO +85°C

PACKING STYLE:
1. TRAY



6	NAEFUMI07391B	EPOXY-RESIN B PART	EPOXY B PART	1
5	NAEFUMI07391A	EPOXY-RESIN A PART	EPOXY A PART	1
4	M2649AE1SSD303A	M12 MALE 8 PIN MACHINE PIN CONTACT	C2680 G/ F NI PLATING	8
3	M1649AERCPD1301A	O-RING SEAL	SILICONE	1
2	M4649AE32ND4003A M4649AE32ND3003A	FRONT METAL BODY FOR PG9 FRONT METAL BODY FOR M16	STEEL WITH NI PLATING	1
1	M1649AE08MD23A1A	M12 -8PIN MALE FRONT PLASTIC BODY	PA66	1

ITEM	P/N	PART	DESCRIPTION	Q'TY
		D	ECN-2401089(JOLIN)NEW P/N	
	B4, B5	C	ECN-186042(Cherry_Pan)	
	B5	B	ECN-1404006(Beke)	
	ZONE	REVISION	DESCRIPTION	DATE

2	54903020020	649AE08MSSD4NAA3	8	1u" AU	A CODE	M16	
1	54903020010	649AE08MSSD3NAA3	8	1u" AU	A CODE	PG9	
ITEM	NEW P/N	OLD P/N	PINS	PLATING	CODING	PANEL MOUNT	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE ANG. ±5° ±0.50 0 ±0.30 .00 ±0.20			 SIP  Cmk Cpk		 CHANT SINCERE CO.,LTD		
SCALE: 1:1		UNIT: mm					
DRAWN: BENSON_ZHENG		07 Feb 2024					
CHECKED: PEARL_HUNG		07 Feb 2024					
APPROVED: PEARL_HUNG		07 Feb 2024					
		SIZE A4	SHEET 1/1	REV. D	PART NO. 5490302XXXX		
CODE: GC					CUSTOMER:		