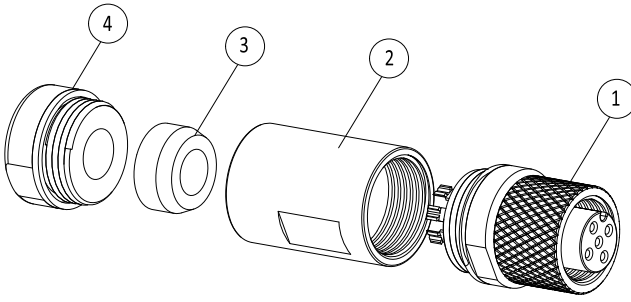
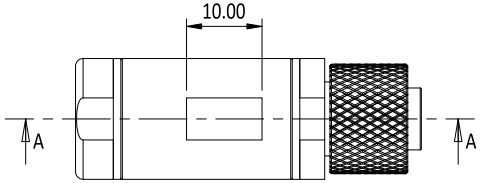
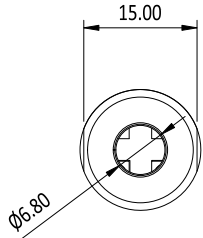
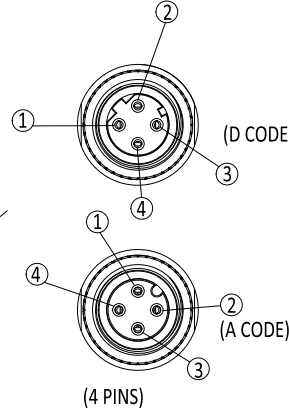
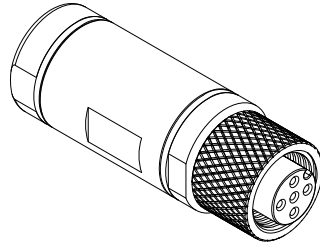
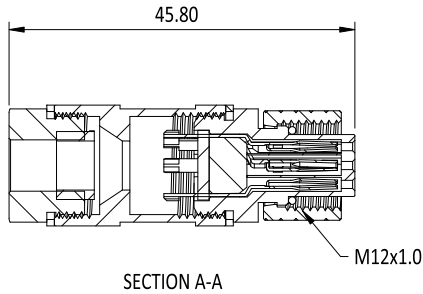




SPECIFICATION
MATERIAL AND FINISH:
1. INSULATOR: PA66, RATED UL94V-0, BLACK
2. CONTACTS: CU
PLATING: UNDER PLATE: 50u"~100u" NI
CONTACT AREA: 1u" ~15u" AU
SOLDER TAILS AREA: 100u"~200u" MATTE SN
3. CONTACTS TYPE: SOLDER TYPE
4. METAL PARTS : STEEL WITH NI PLATING

GENERAL DATA:
1. STANDARD/REGULATION: M12 CONNECTOR IEC 61076-2-101
2. CODING: A/D-STANDARD
3. NUMBER OF POSITION: 4, 5PIN
4. AWG SIGNAL LINE: 22 AWG
5. CURRENT RATING: 4 Amps MAX.
6. INSULATION RESISTANCE: 100M Ω MIN @ 500V DC
7. DEGREE OF PROTECTION: IP67
8. MATING CYCLES: 100 INSERTIONS

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

4	S649IE00P00D1AA3	M12-S-REAR NUT	PA66/SILICONE RUBBER	1	△
3	M1649AERCPD1303AM1649 AERCPD1307A	ID6.3 MM CABLE SEAL RING ID5.4 MM CABLE SEAL RING	SILICONE RUBBER 60°	1	△
2	M4649AE40ND1E01A	M12 M/F CLAMPING RING	STEEL WITH NI PLATING	1	
1	S649AF04FSTD1AA3 S649AF05FSTD1AA3 S649AF04FSTD1DA3	M12-4,5PIN FEMALE BODY SOLDER TYPE(5PIN 公頭主體)	PA66,COPPER ALLOY	1	△
NO.	P/N	PARTS NAME	MATERIAL	Q'TY	

6	54930010060	649AF05FSTD1N1A3	5	1u" AU	A Code For OD5.4±0.5mm
5	54930010050	649AF05FSTD1NAA3	5	1u" AU	A Code For OD6.3±0.5mm
4	54930010040	649AF04FSTD1N2A3	4	1u" AU	D Code For OD5.4±0.5mm
3	54930010030	649AF04FSTD1N1A3	4	1u" AU	A Code For OD5.4±0.5mm
2	54930010020	649AF04FSTD1NDA3	4	1u" AU	D Code For OD6.3±0.5mm
1	54930010010	649AF04FSTD1NAA3	4	1u" AU	A Code For OD6.3±0.5mm
ITEM	NEW P/N	OLD P/N	PIN	CONTACT AREA PLATING	CODE

UNLESS OTHERWISE SPECIFIED TOLERANCE		SIP	 CHANT SINCERE CO.,LTD	
ANG.	±5°	ST		
0	±0.5	Cmk	SCALE: AS SHOWN	
0	±0.3	Cpk		
.00	±0.2		UNIT: mm	
DRAWN: XINGRU_LAI		22 Jan 2024		TITLE:
CHECKED: PEARL_HUNG		01 Feb 2024		M12-4, 5PIN FEMALE CONN. SOLDER TYPE
APPROVED: PEARL_HUNG		01 Feb 2024		PART NO.
				5493001XXXX
				CODE: GC
				CUSTOMER:

E		ECN-2401071(JOLIN)NEW P/N		17JAN2024	
D		ECN-197040(RITA)(7,C)MODIFY PLATING CODE		16JUL2019	
C		ECN-189008(RILEY)ADD NEW CABLE SEAL RING; MODIFY P/N&SPEC;REMOVE D-CODE 5PIN		28AUG2018	
ZONE	REVISION	DESCRIPTION		DATE	