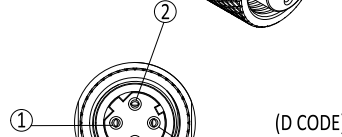
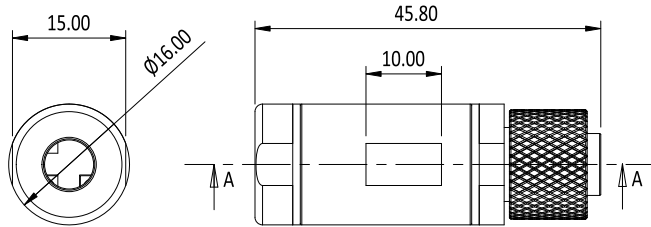
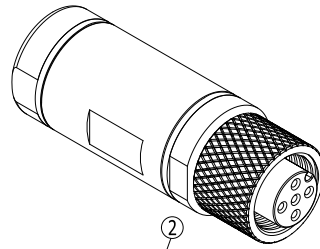
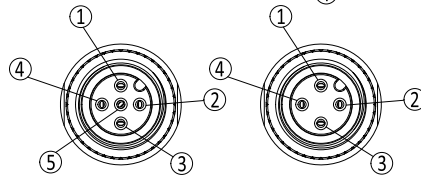


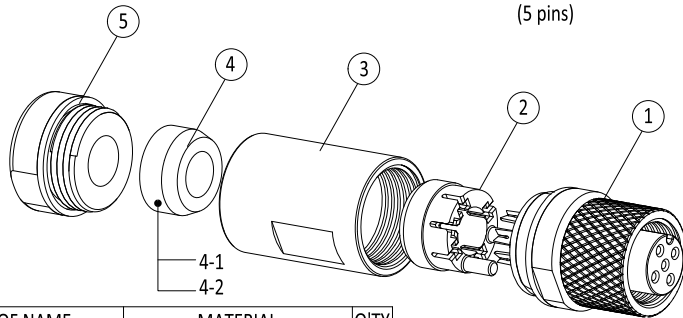
SECTION A-A



(D CODE)



(A CODE)



NO.	P/N	PARTS OF NAME	MATERIAL	Q'TY
1	S649IE04FSND1AA3 S649IE04FSND1DA3 S649IE05FSND1AA3	M12-4,5PIN FEMALE BODY IDC TYPE	PA66/COPPER ALLOY	1
2	M1649AEW2PD13B3A	M12 4,5 PIN #22 AWG WIRE HOLDER(FEMALE)	PA66 6410G5 GF25%	1
3	M4649AE40ND1E01A	M12 M/F CLAMPING RING	STEEL WITH NI PLATING	1
4		CABLE SEAL RING	SILICONE RUBBER 60°	1
4-1	M1649AERCPD1303A	ID6.3 mm CABLE SEAL RING	SILICONE RUBBER 60°	
4-2	M1649AERCPD1307A	ID5.4 mm CABLE SEAL RING	SILICONE RUBBER 60°	
5	S649IE00P00D1AA3	M12-S-REAR NUT	PA66/SILICONE RUBBER	1

	F	ECN-2401086(JOLIN)NEW P/N	23JAN2024
	E	ECN-189008(RILEY) MODIFY (S649IE00P00D1AA3) MATERIAL	28AUG2018
	D	ECN-184042(RILEY) ADD NEW CABLE SEAL RING; MODIFY P/N&SPEC;REMOVE D-CODE 5PIN	09APR2018
ZONE	REVISION	DESCRIPTION	DATE

SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: PA66, RATED UL94V-0, BLACK

2. CONTACTS: CU

PLATING: UNDER PLATE: 50u"~100u" NI

CONTACT AREA: 1u" AU

SOLDER TAILS AREA: 100u"~200u" NI

3. CONTACTS TYPE: IDC 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

6	54932010060	649IE05FSND1N1A3	5	1u" AU	A Code For OD5.4±0.5mm
5	54932010050	649IE05FSND1NAA3	5	1u" AU	A Code For OD6.3±0.5mm
4	54932010040	649IE04FSND1N2A3	4	1u" AU	D Code For OD5.4±0.5mm
3	54932010030	649IE04FSND1N1A3	4	1u" AU	A Code For OD5.4±0.5mm
2	54932010020	649IE04FSND1NDA3	4	1u" AU	D Code For OD6.3±0.5mm
1	54932010010	649IE04FSND1NAA3	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		
ANG. ±5°			Cmk		
0. ±0.5			Cpk		
.0 ±0.3					
.00 ±0.2					
SCALE: AS SHOWN		UNIT: mm			
DRAWN: XINGRU_LAI		26 Jan 2024		TITLE:	
CHECKED: PEARL_HUNG		16 Feb 2024		M12-4,5PIN FEMALE CONN. IDC TYPE	
APPROVED: PEARL_HUNG		16 Feb 2024		PART NO. 5493201XXXX	
SIZE A4		SHEET 1/1		CODE: GC	
REV. F				CUSTOMER:	