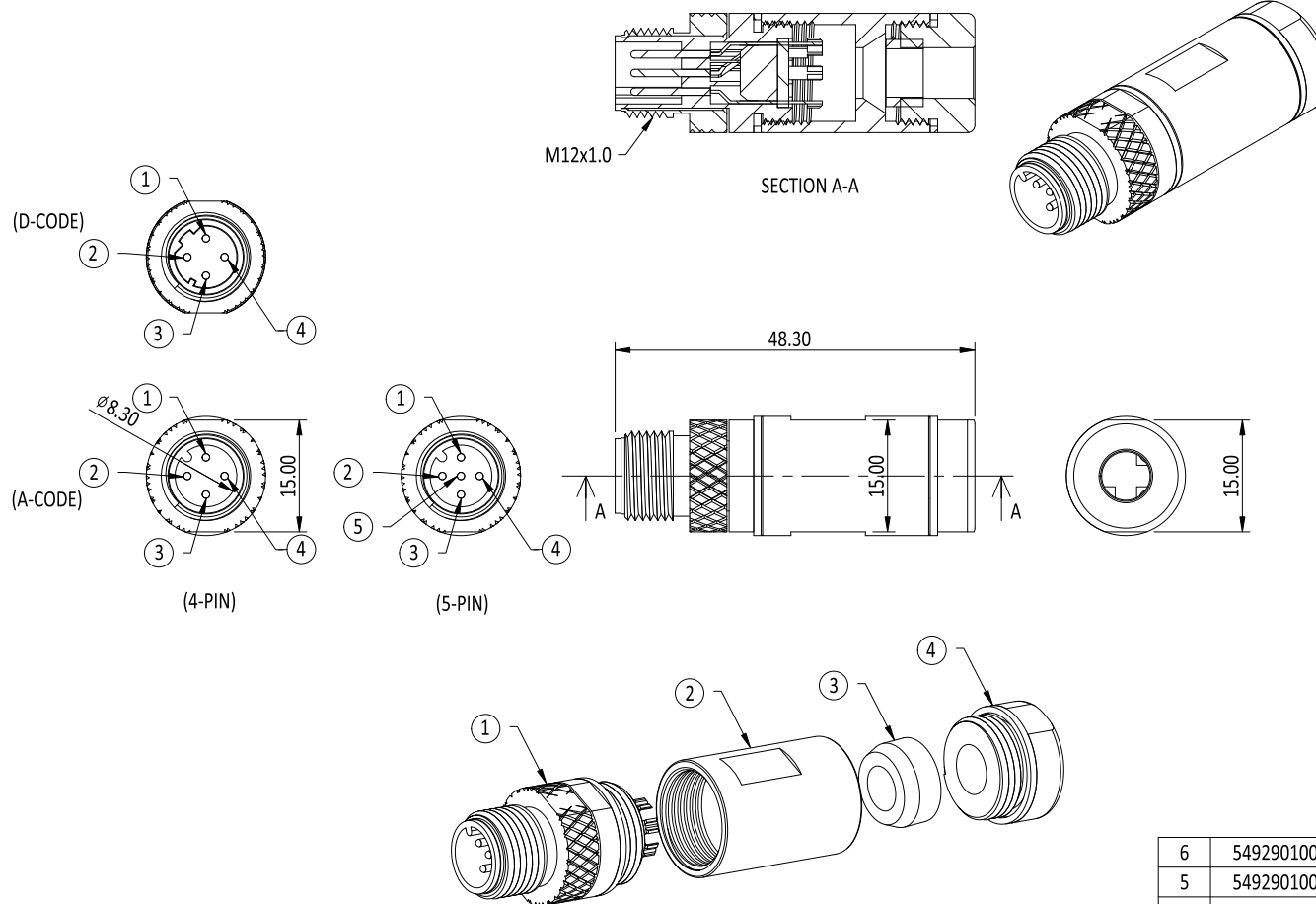




△ SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: PA66, RATED UL94V-0, BLACK
2. CONTACTS: CU
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: 100 MΩ 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	M1649AERCPD1303A M1649AERCPD1307A	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	S649AF04MSTD1XA3 S649AF05MSTD1XA3	M12 -4,5PIN MALE BODY SOLDER TYPE	PA66,COPPER ALLOY	1	△
NO.	P/N	PARTS NAME	MATERIAL	Q'TY	

6	54929010060	649AF05MSTD1N1A3	5	1u" AU	A CODE FOR OD5.4±0.5mm
5	54929010050	649AF05MSTD1NAA3	5	1u" AU	A CODE FOR OD6.3±0.5mm
4	54929010040	649AF04MSTD1N2A3	4	1u" AU	D CODE FOR OD5.4±0.5mm
3	54929010030	649AF04MSTD1N1A3	4	1u" AU	A CODE FOR OD5.4±0.5mm
2	54929010020	649AF04MSTD1NDA3	4	1u" AU	D CODE FOR OD6.3±0.5mm
1	54929010010	649AF04MSTD1NAA3	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
ANG. ±5°
0. ±0.5
0. ±0.3
0.00 ±0.2

SCALE: 1:1	UNIT: mm	 CHANT SINCERE CO.,LTD	
DRAWN: XINGRU_LAI	22 Jan 2024		
CHECKED: PEARL_HUNG	01 Feb 2024	TITLE: M12-4, 5PIN MALE CONN. SOLDER TYPE	
APPROVED: PEARL_HUNG	01 Feb 2024	PART NO.	5492901XXXX
	SIZE A4	SHEET 1/1	REV. E
CODE: GC		CUSTOMER:	

ECN-2401051(JOLIN)NEW P/N	15JAN2024		
ECN-2209030(VICKY)MODIFY PART NO 7	28SEP2022		
ECN-189008(RILEY)ADD NEW CABLE SEAL RING; MODIFY P/N&SPEC;REMOVE D-CODE 5P	28AUG2018		
ZONE	REVISION	DESCRIPTION	DATE
1	2	3	4
5	6	7	8
9	10		