

RoHS compliant



SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: THERMAL PLASTIC, RATED UL94V-0
2. CONTACTS: COPPER ALLOY
- PLATING: UNDERPLATE: 50~100u" NI
CONTACT AREA: 1u" AU
SOLDER TAILS AREA: 100 ~ 200u" SN

TPYE: SOLDER TYPE

4. METAL PARTS: STELL WITH NI PLATING

5. CABLE: PVC WITH UV/OIL RESISTANCT, FLAME RESISTANCE UL-E138961

ELECTRICAL CHARACTERISTIC:

1. CURRENT RATING: 4 A MAX.
2. INSULATION RESISTANCE: 100 MΩ MIN. @ 500 VDC

MECHANICAL CHARACTERISTIC:

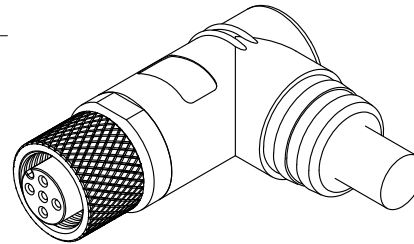
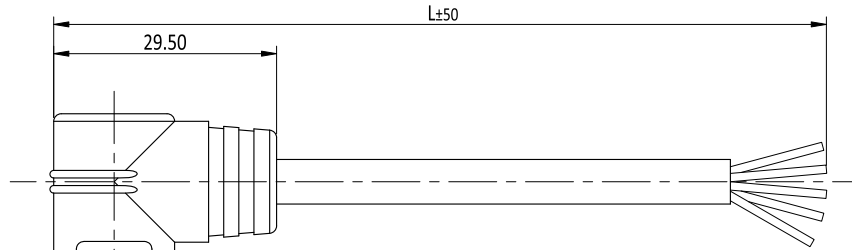
1. MATING CYCLES: 100 INSERTIONS

ENVIRONMENT:

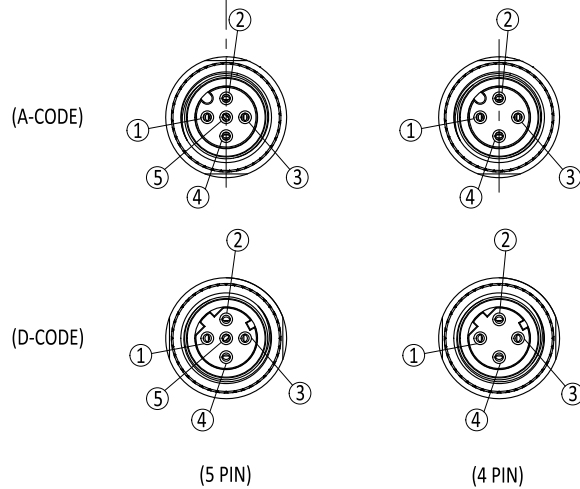
2. TEMPERATURE RANGE: -20°C TO +85°C

NOTE:

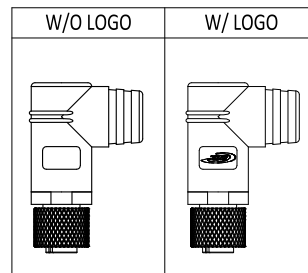
1. STANDARD/REGULATION: M12 CONNECTOR IEC 61076-2-101
2. CODING: A-STANDARD
3. NUMBER OF POSITION: 5
4. AWG SINGAL LINE: 22-24
5. DEGREE OF PROTECTION: IP 67



M12x1.0 FEMALE



- ① -BROWN
- ② -WHITE
- ③ -BLACK
- ④ -BLUE
- ⑤ -GREEN/YELLOW

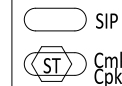


X=CODE (EX. A=A CODE)

ITEM	NEW P/N	OLD P/N	L	PIN	PLATING	AWG	NOTE
5	1491001005X	CW01A8XABA01E1M0	1000mm	08	AU	24	W/ LOGO
4	1491001004X	CW01A5XAAA01E1M0	1000mm	05	AU/SN	22	W/ LOGO
3	1491001003X	CW01A4XAAA01E1M0	1000mm	04	AU/SN	22	W/ LOGO
2	1491001002X	CW01A5XAAA01E1M0	1000mm	05	AU/SN	22	W/O LOGO
1	1491001001X	CW01A4XAAA01E1M0	1000mm	04	AU/SN	22	W/O LOGO

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG. ±5°
0. ±0.5
.0 ±0.3
.00 ±0.2



SCALE: AS SHOWN

UNIT: mm



DRAWN: HOLLY_TU 21 Jan 2025

TITLE: M12 FEMALE 90° CABLE

CHECKED: PEARL_HUNG 21 Jan 2025

APPROVED: PEARL_HUNG 21 Jan 2025

PART NO. 1491001XXXX

REV. B

CODE: GC CUSTOMER:

ZONE	REVISION	DESCRIPTION	DATE
1	2	ECN-2501066(KIRA)ADD NEW P/N	16JAN2025
1	A	ECN-1311033(BEKE)&ECN-1511043(LITING)	15NOV2013

SIZE A4	SHEET 1/2	REV. B	CODE: GC	CUSTOMER:
---------	-----------	--------	----------	-----------

RoHS
compliant



SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: PA66, RATED UL94V-0
2. CONTACTS: COPPER ALLOY
PLATING: UNDERPLATE: 50~100u" NI
CONTACT AREA: 1u" AU
SOLDER TAILS AREA: 1u" AU
- TPYE: SOLDER TYPE
4. METAL PARTS: STEEL WITH NI PLATING
5. CABLE: PVC WITH UV/OIL RESISTANCT, FLAME RESISTANCE UL-E138961

ELECTRICAL CHARACTERISTIC:

1. CURRENT RATING: 2 A MAX.
2. INSULATION RESISTANCE: 100 MΩ MIN. @ 500 VDC

MECHANICAL CHARACTERISTIC:

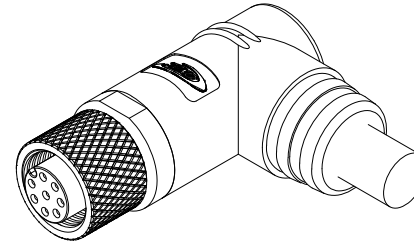
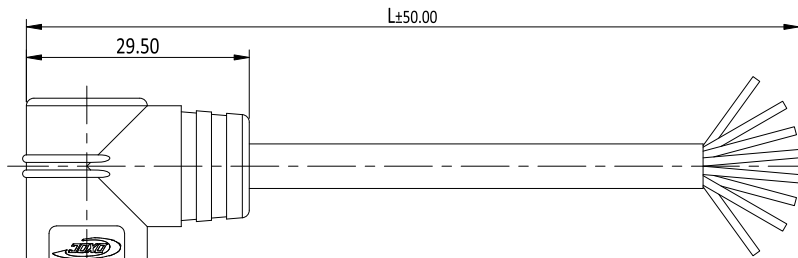
1. MATING CYCLES: 100 INSERTIONS

ENVIRONMENT:

2. TEMPERATURE RANGE: -20°C TO +85°C

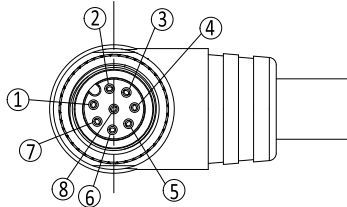
NOTE:

1. STANDARD/REGULATION: M12 CONNECTOR IEC 61076-2-101
2. CODING: A-STANDARD
3. NUMBER OF POSITION: 8
4. AWG SINGAL LINE: 24
5. DEGREE OF PROTECTION: IP 67



M12x1.0 FEMALE

(A-CODE)



(08 PIN)

- ① -WHITE
- ② -BROWN
- ③ -GREEN
- ④ -YELLOW
- ⑤ -GREY
- ⑥ -PINK
- ⑦ -BLUE
- ⑧ -RED

UNLESS OTHERWISE SPECIFIED TOLERANCE		SIP Crk Cpk		 CHANT SINCERE CO.,LTD		
ANG.	±5°	SCALE:	AS SHOWN		UNIT:	mm
0.	±0.5	DRAWN:	HOLLY_TU	21 Jan 2025	TITLE:	M12 FEMALE 90° CABLE
.0	±0.3	CHECKED:	PEARL_HUNG	21 Jan 2025	PART NO.	1491001XXXX
.00	±0.2	APPROVED:	PEARL_HUNG	21 Jan 2025	CODE:	GC
ZONE	REVISION	DESCRIPTION	DATE	SIZE A4 SHEET 2/2 REV. B	CUSTOMER:	
1	2	3	4	5	6	7
1	2	3	4	5	6	7

	B	ECN-2501066(KIRA)ADD NEW P/N	16JAN2025
	A	ECN-1311033(BEKE)(PDR-13019-B)	15NOV2013
1	2	3	4
1	2	3	4