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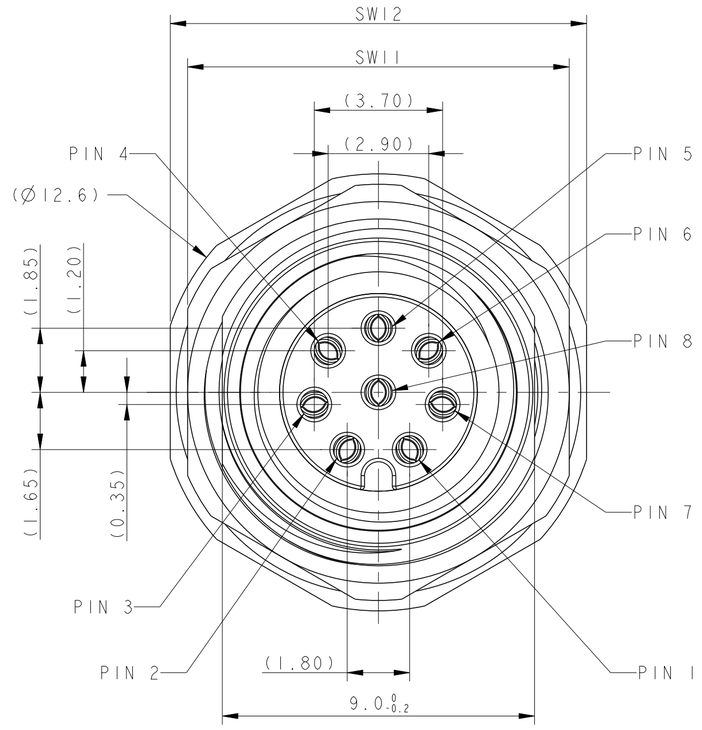
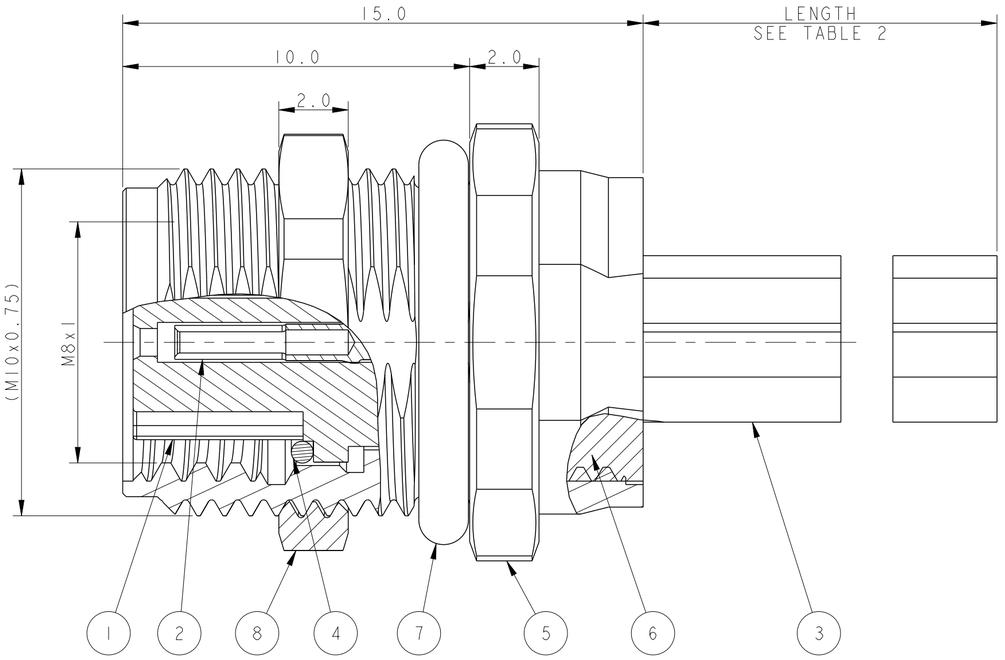
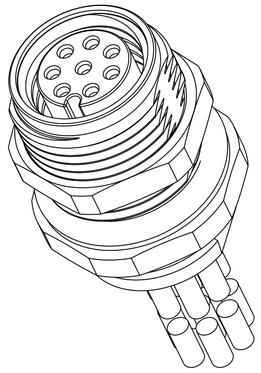
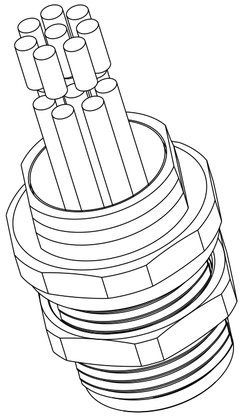








REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	16JUN2022	DL	CW
	B	ECR-22-145999	14JUL2022	DL	CW
	B1	ECR-22-161801	21DEC2022	DL	CW

PIN NO. PIN针引脚号	INSULATION COLOR 芯线绝缘颜色
PIN 1	WHITE/白
PIN 2	BROWN/棕
PIN 3	GREEN/绿
PIN 4	YELLOW/黄
PIN 5	GRAY/灰
PIN 6	PINK/粉
PIN 7	BLUE/蓝
PIN 8	RED/红

TABLE 4: WIRE SCHEMATIC
表4：接线示意

NOTES:

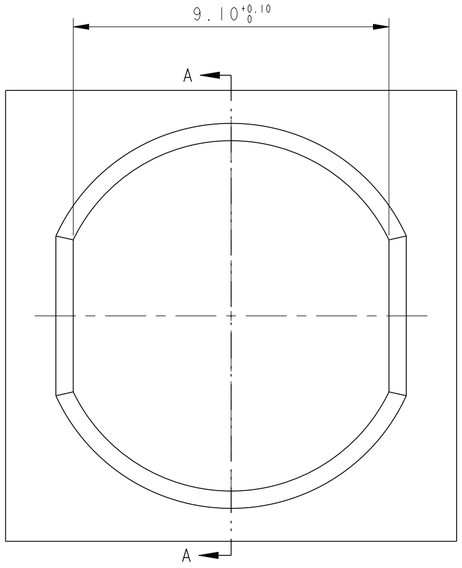
1. TECHNICAL DATA: SEE TABLE 1.
2. PN INFORMATION SEE TABLE 2; BOM SEE TABLE 3; WIRE SCHEMATIC SEE TABLE 4.
3. PRODUCTS MUST COMPLIANCE WITH ROHS AND REACH.

注释：

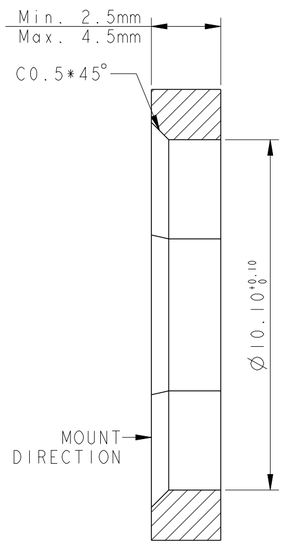
1. 技术参数：见表1.
2. 料号信息见表2；BOM信息见表3；接线示意见表4.
3. 产品必须符合ROHS与REACH.

TE PN (SEE TABLE 2)	T4071017085-***			
	1	COPPER ALLOY,NICKEL PLATED 铜合金，镀镍	M10X0.75 NUT M8面板连接器螺母M10X0.75	8
	1	SILICON RUBBER 硅橡胶	M8 O-RING M8面板连接器O型圈	7
	1	GLUE 胶水	POTTING EPOXY PU胶	6
	1	COPPER ALLOY,NICKEL PLATED 铜合金，镀镍	FEMALE SHELL,M8 8P,REAR PANEL MOUNT M8 8针连接器母外壳，板后安装	5
	1	SILICON RUBBER 硅橡胶	M8 CABLE O-RING M8传感插O型圈	4
	1	WHITE/白	26AWG PVC WIRE 26AWG PVC单芯线	3
	1	BROWN/棕		
	1	GREEN/绿		
	1	YELLOW/黄		
	1	GRAY/灰		
	1	PINK/粉		
	1	BLUE/蓝		
	1	RED/红		
	8	COPPER ALLOY,AU PLATED 铜合金，镀金	FEMALE PIN,M8 8P CORDSET,SOLDER M8 8针线束焊接式母针	2
	1	PA66,BLACK PA66,黑色	FEMALE HSG, M8 8PIN M8 8针连接器母插芯	1
	Q'ty 数 量	MAT'L+SURFACE 材质+表面处理	PART DESCRIPTION 料 号 描 述	ITEM 序 号

TABLE 3: BOM
表3：BOM



RECOMMENDED PANEL CUTOUT
面板开孔推荐



SECTION A-A

RATED VOLTAGE/额定电压	30V
RATED CURRENT/额定电流	1.5A
POLLUTION DEGREE/污染等级	3
OVERVOLTAGE CATEGORY/过电压等级	II
DEGREE OF PROTECTION/防护等级	IP67 (MATED)
OPERATION TEMPERATURE/工作温度	-25°C~85°C

TABLE 1: TECHNICAL DATA
表1：技术参数

T4071017085-003	M8 FEMALE,WITH WIRE,PNLREAR,8PIN,SO,1.0M M8母端面板连接器，带线式，板后安装，8针，焊接端子，1.0米	1.00±0.05
T4071017085-002	M8 FEMALE,WITH WIRE,PNLREAR,8PIN,SO,0.5M M8母端面板连接器，带线式，板后安装，8针，焊接端子，0.5米	0.50±0.05
T4071017085-001	M8 FEMALE,WITH WIRE,PNLREAR,8PIN,SO,0.2M M8母端面板连接器，带线式，板后安装，8针，焊接端子，0.2米	0.20±0.05
PART NUMBER 零 件 料 号	DESCRIPTION 描 述	LENGTH (UNIT:M) 线长（单位：米）

TABLE 2: PN INFORMATION
表2：料号信息

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±0.5
1 PLC	±0.3
2 PLC	±0.20
3 PLC	±-
4 PLC	±-
ANGLES	±3

MATERIAL: - / -

FINISH: - / -

DWN	DAVID LI 17AUG2021
CHK	CHRIS WANG 17AUG2021
APVD	CHRIS WANG 17AUG2021
PRODUCT SPEC	108-106140
APPLICATION SPEC	114-137144-1
WEIGHT	-

TE Connectivity

NAME: M8 FEMALE,WITH WIRE,PNLREAR,8PIN,SO

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-T4071017085XXX	-

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 1 | REV B1