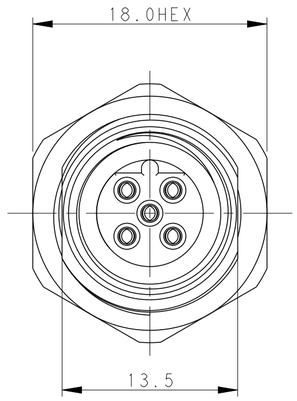
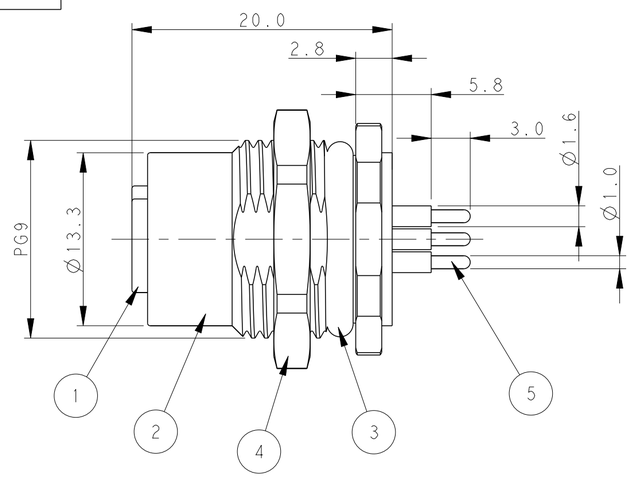
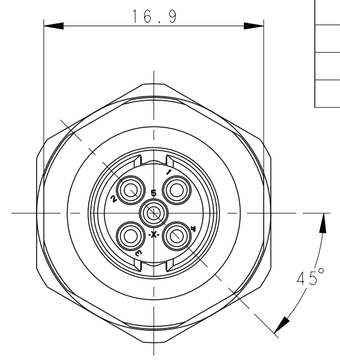
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECR-16-010100	14JUL2016	L.Z	X.X
	B1	ECR-18-008476	08JUN2018	G.W	C.W
	C	ECR-19-009136	22JUL2019	C.D	C.W
	D	ECR-25-235343	28OCT2025	G.W	C.W







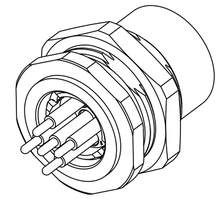
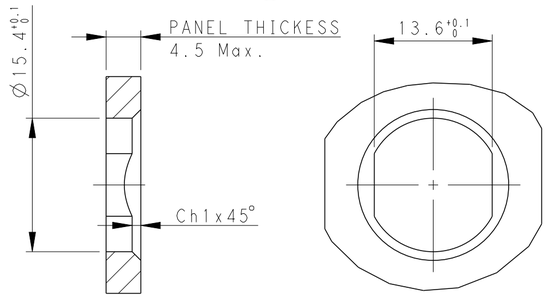


TABLE 1

TECHNICAL DATA	T4141412021-000	T4141412031-000	T4141412041-000	T4141412051-000
RATED VOLTAGE	250V	250V	250V	60V
RATED CURRENT	4A	4A	4A	4A
POLLUTION DEGREE	3	3	3	3
OVERVOLTAGE CATEGORY	II	II	II	II
CONTACT RESISTANCE	<=10mΩ	<=10mΩ	<=10mΩ	<=10mΩ
INSULATION RESISTANCE	>100MΩ	>100MΩ	>100MΩ	>100MΩ
DEGREE OF PROTECTION	IP67	IP67	IP67	IP67
OPERATION TEMPERATURE	-40~85°C	-40~85°C	-40~85°C	-40~85°C



HOUSING CUTOUT FOR PG9 FASTENING THREAD,MOUNTING PANEL WITH FEEDTHROUGH HOULE (ALTERNATIVELY WITH AREA AS ANTI-ROTATION PROTECTION FOR PANEL THICKNESSES>2.5MM UP TO MAX. 4.5MM)

RECOMMENDED PANEL CUTOUT

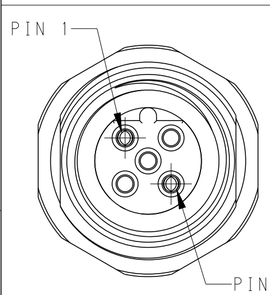
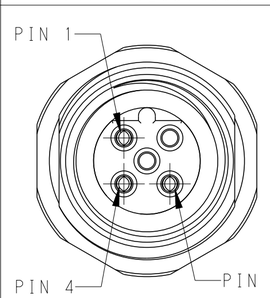
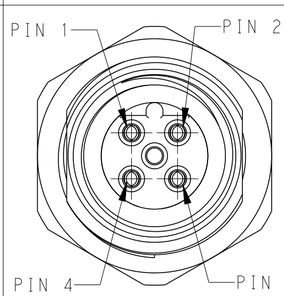
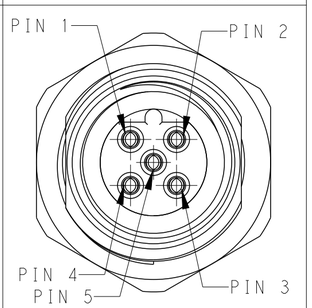
NOTE:
1. TECHNICAL DATA: SEE TABLE 1
2. RECOMMENDED MOUNT PANEL SEE DETAIL
3. PRODUCT COMPLIES WITH IEC61076-2-101
4. ALL MATERIALS TO BE ROHS COMPLIANT
5. ALL MATERIALS TO BE REACH COMPLIANT
6. PN INFORMATION FOR ASSEMBLY PARTS

T41414120X1-000
- CONTACT FINISH: 1; GOLD 3u''
- NUMBER OF PINS: 02: 2 PINS; 03: 3 PINS; 04: 4 PINS; 05: 5 PINS

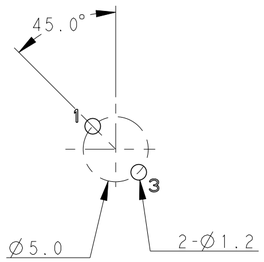
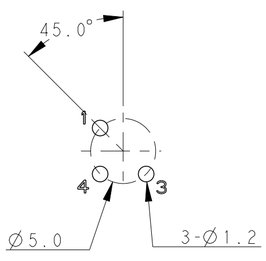
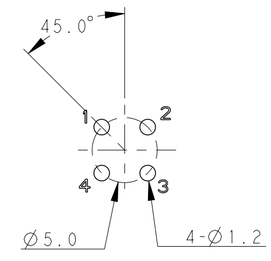
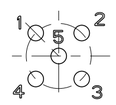
注释：:
1：技术参数，见表1
2：推荐开孔尺寸详见如图所示
3：产品符合标准IEC61076-2-101
4：所有材料符合ROHS参照标准TEC-138-705
5：所有材料符合REACH参照标准TEC-138-705
6：成品料号信息如下：

T4141412OX1-000
- 端子电镀：1：3u''金
- 针数：02：2 针；03：3 针；04：4 针；05：5 针

PIN ARRANGEMENT
B-CODE

T4141412021-000	T4141412031-000	T4141412041-000	T4141412051-000
			

RECOMMENDED DRILLING DIAGRAM

T4141412021-000	RPC-M12B-FF-2CON-PG9-LBU
T4141412031-000	RPC-M12B-FF-3CON-PG9-LBU
T4141412041-000	RPC-M12B-FF-4CON-PG9-LBU
T4141412051-000	RPC-M12B-FF-5CON-PG9-LBU
PART NUMBER	TYPE

PLATING	MATERIAL	DESCRIPTION	ITEM	T4141412021-000	T4141412031-000	T4141412041-000	T4141412051-000
3u''GOLD PLATED	BRONZE	CONTACT	5	2	3	4	5
80u''NICKEL PLATED	BRASS	METAL NUT	4	1	1	1	1
BLACK	RUBBER	O-RING	3	1	1	1	1
80u''NICKEL PLATED	ZAMAK	M12,MALE,METAL BODY	2	1	1	1	1
-	PA66	M12,MALE HSG	1	1	1	1	1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±0.2
4 PLC ±
ANGLES ±

MATERIAL -
FINISH -

DWN BO GAO 16FEB2016
CHK KOBBY ZHAO 16FEB2016
APVD XIANG XU 16FEB2016
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12 PANEL MOUNT CONNECTOR
B CODE, FEMALE, REAR MOUNTING
PCB SOLDERING

SIZE A2 | CAGE CODE - | DRAWING NO C⇨T41414120X1000 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 1 | REV D

1471-9 (3/13)