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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	12JUN2018	T.F	C.W
	A1	ECR-18-018663	11NOV2018	T.F	C.W
	B	ECR-19-009136	02AUG2019	C.D	C.W

PIN PE

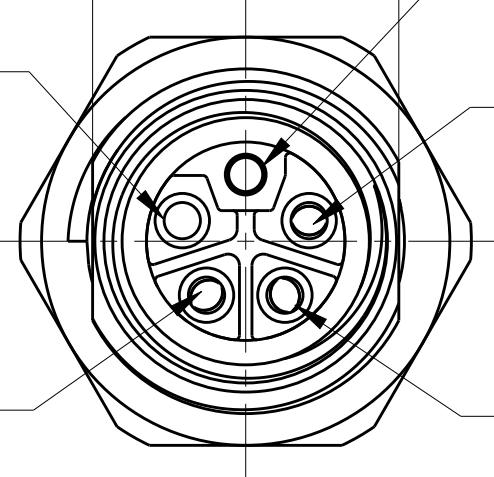
PIN 1

PIN 2

PIN 3

PIN 4

13.5



19.5

17.5

16.8

7.3

2.8

3.0

3.0

1.3

PG9

Ø13.3

M12X1

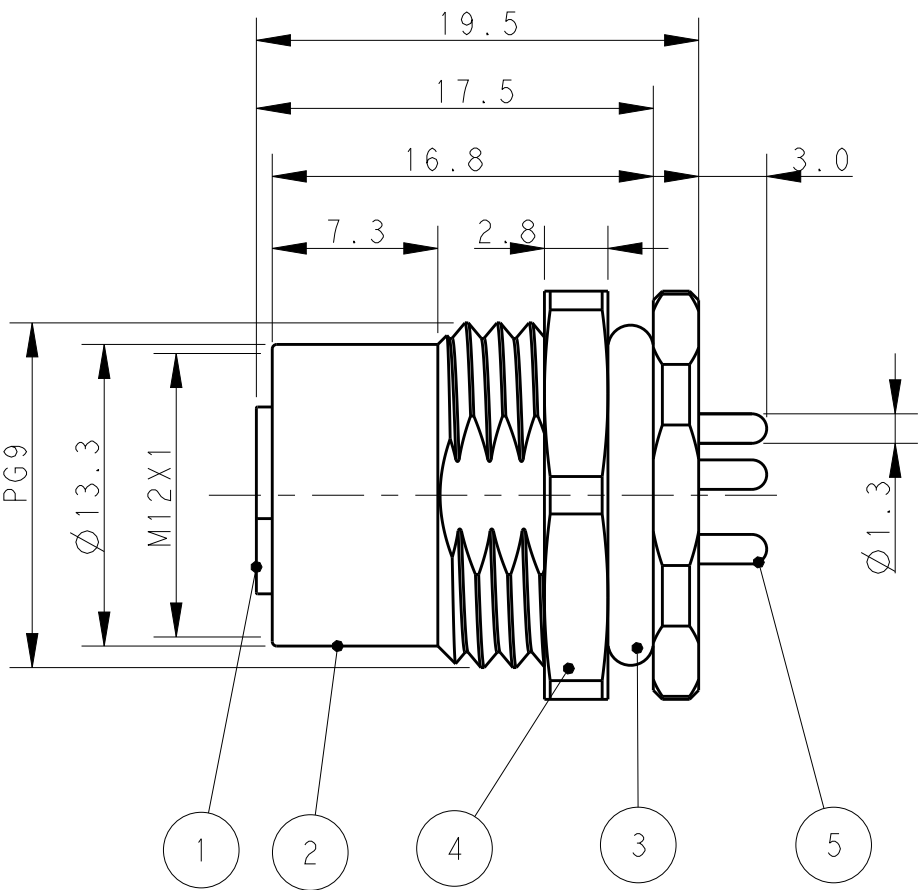
1

2

4

3

5



SW17

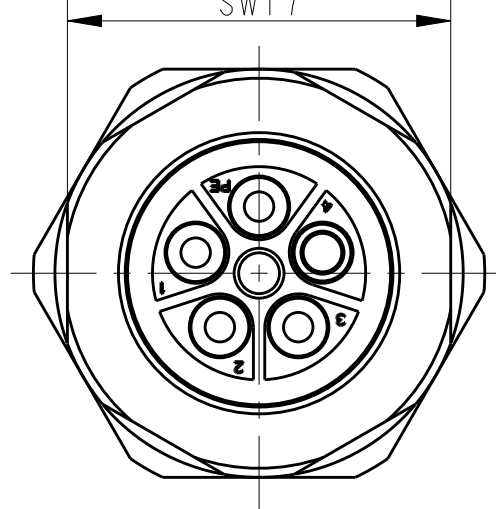


TABLE 1

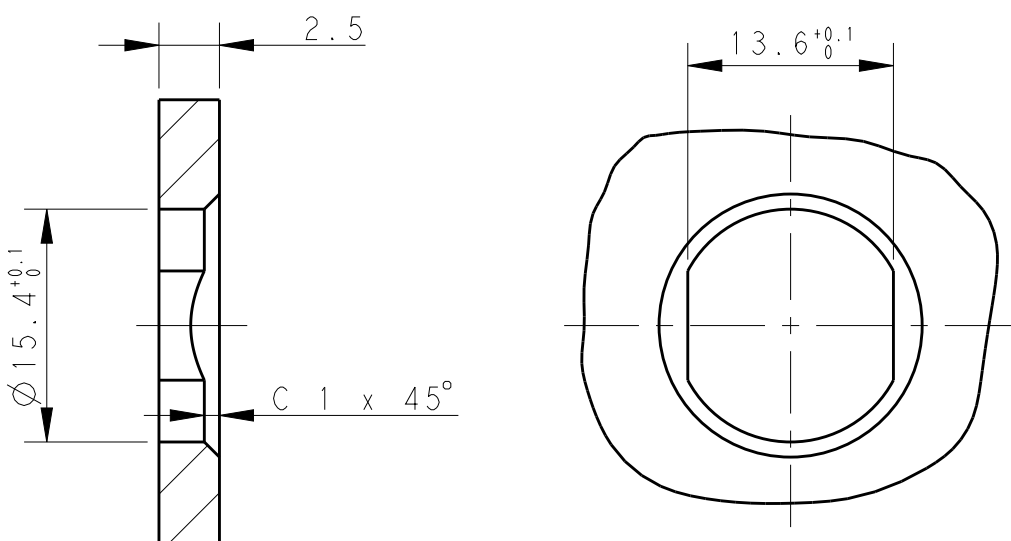
TECHNICAL DATA	T4141L12051-000	T4141L12041-000	T4141L12031-000
RATED VOLTAGE	63V	63V	63V
RATED CURRENT	16A	16A	16A
POLLUTION DEGREE	3	3	3
OVERVOLTAGE CATEGORY	IV	IV	IV
MATERIAL GROUP	IIIb	IIIb	IIIb
CONTACT RESISTANCE	≤5mΩ	≤5mΩ	≤5mΩ
INSULATION RESISTANCE	>100MΩ	>100MΩ	>100MΩ
DEGREE OF PROTECTION	IP67	IP67	IP67
OPERATION TEMPERATURE	-40~85°C	-40~85°C	-40~85°C

2.5

13.6^{+0.1}₀

Ø15.4^{+0.1}₀

C 1 x 45°



RECOMMENDED PANEL CUTOUT

NOTE:

1. TECHNICAL DATA: SEE TABLE 1

2. RECOMMENDED PANEL CUTOUT AND PCB LAYOUT SEE DETAIL

3. PRODUCT COMPLIES WITH IEC61076-2-111

4. ALL MATERIALS TO BE ROHS COMPLIANT

5. ALL MATERIALS TO BE REACH COMPLIANT

6. PACKAGING:1 PIECE IN A BAG

7. ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED

注释:

1. 技术参数,见表1

2. 推荐面板及PCB开孔尺寸详见如图所示

3. 产品符合标准IEC61076-2-111

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. 包装:1PCS/袋

7. 所有尺寸仅供参考,除非另有说明

T4141L12031-000

T4141L12041-000

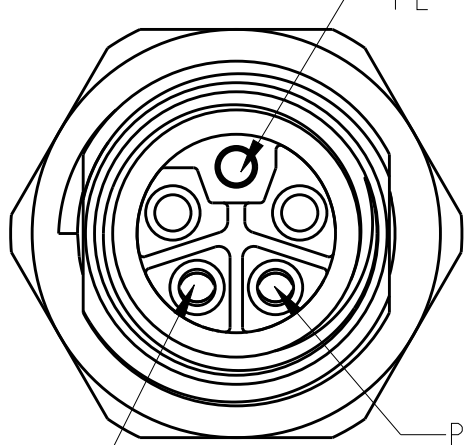
T4141L12051-000

PE

PIN 1

PIN 2

PIN 3

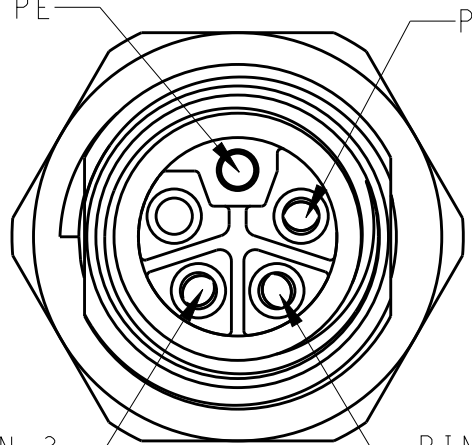


PE

PIN 1

PIN 2

PIN 3

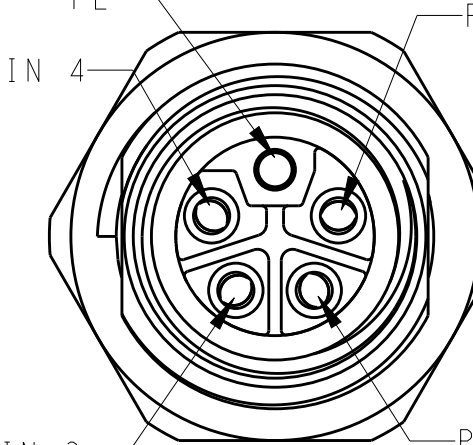


PE

PIN 1

PIN 2

PIN 3



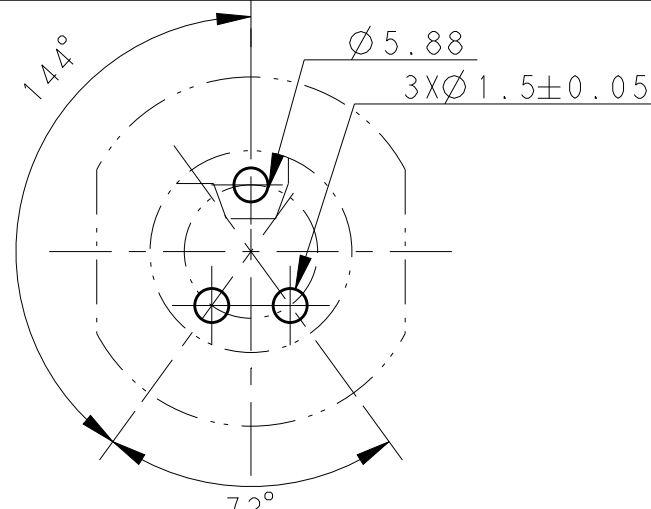
RECOMMENDED DRILLING DIAGRAM

144°

Ø5.88

3XØ1.5±0.05

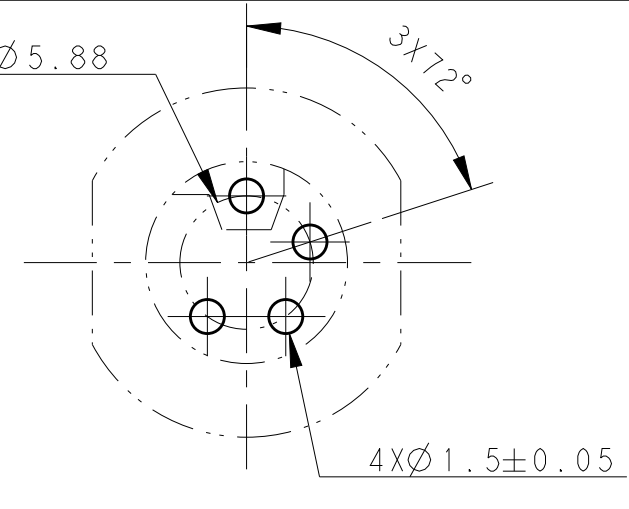
72°



Ø5.88

3X72°

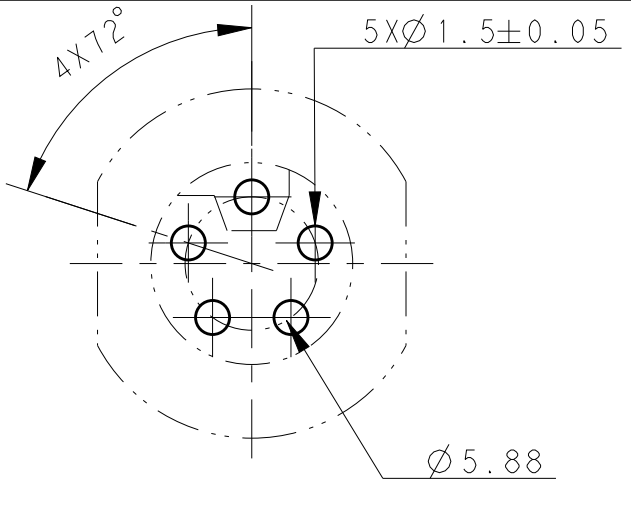
4XØ1.5±0.05



4X72°

5XØ1.5±0.05

Ø5.88

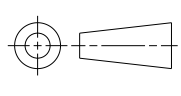


T4141L12031-000	RPC-M12L-FF-3CON-PG9-LBU	3	
T4141L12041-000	RPC-M12L-FF-4CON-PG9-LBU	4	
T4141L12051-000	RPC-M12L-FF-5CON-PG9-LBU	5	
PART NUMBER	TYPE	POS.	
GOLD PLATED	COPPER ALLOY	CONTACT	5
NICKEL PLATED	COPPER ALLOY	METAL NUT	4
BLACK	RUBBER	O-RING	3
NICKEL PLATED	COPPER ALLOY	M12,FEMALE,METAL BODY	2
-	LCP	M12,FEMALE HSG	1
OTHERS	MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH -

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DWN

12JUN2018

CHK

12JUN2018

APVD

12JUN2018

PRODUCT SPEC

108-137350

APPLICATION SPEC

114-137144

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

M12 PANEL MOUNT CONNECTOR

L CODE, FEMALE, REAR MOUNT,

PCB SOLDERING

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

©-T4141L120X1000

SCALE

3:1

SHEET

1

OF

1

REV

B

1471-9 (3/13)