



TABLE 1

TECHNICAL DATA	T4143012021-000	T4143012031-000	T4143012041-000	T4143012051-000
RATED VOLTAGE	250V	250V	250V	60V
RATED CURRENT	4A	4A	4A	4A
POLLUTION DEGREE	3	3	3	3
OVERVOLTAGE CATEGORY	II	II	II	II
MATERIAL GROUP	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℃	-40~85℃	-40~85℃	-40~85℃

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

13.6^{+0.1}₀

2.5

15.4^{+0.1}₀

Ch1x45°

RECOMMENDED PANEL CUTOUT

T41430120X1-000

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

T41430120X1-000

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

PIN ARRANGEMENT
A-CODE

T4143012021-000	T4143012031-000	T4143012041-000	T4143012051-000

RECOMMENDED DRILLING DIAGRAM

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T4143012021-000	RPC-M12-FB-2CON-PG9-LBU
T4143012031-000	RPC-M12-FB-3CON-PG9-LBU
T4143012041-000	RPC-M12-FB-4CON-PG9-LBU
T4143012051-000	RPC-M12-FB-5CON-PG9-LBU

PART NUMBER	TYPE
3u'' GOLD PLATED	COPPER ALLOY CONTACT
80u'' NICKEL PLATED	COPPER ALLOY METAL NUT
BLACK	RUBBER O-RING
80u'' NICKEL PLATED	COPPER ALLOY M12, MALE, METAL BODY
-	PA66 M12, MALE HSG

PLATING	MATERIAL	DESCRIPTION	ITEM
			T4143012021-000
			T4143012031-000
			T4143012041-000
			T4143012051-000

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN BO GAO 27-Jul-19
CHK KOBBY ZHAO 13-May-16
APVD XIANG XU 13-May-16

DIMENSIONS: mm

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

MATERIAL -

PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -
CUSTOMER DRAWING

NAME M12 PANEL MOUNT CONNECTOR
A CODE, FEMALE, FRONT MOUNTING
PCB SOLDERING

SIZE A2
CAGE CODE -
DRAWING NO. ©T41430120X1000
RESTRICTED TO -

SCALE 3:1
SHEET 1 OF 1
REV C

1471-9 (3/13)