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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
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°C	-40~85°C	-40~85°C	-40~85°C

18.0HEX

13.5

20.0

17.2

6.0

3.0

1.6

1.0

PG9

13.3

1

2

4

3

5

16.9

45°

15.4^{+0.1}₀

2.5

Ch1x45°

13.6^{+0.1}₀

RECOMMENDED PANEL CUTOUT

T4141412021-000

T4141412031-000

T4141412041-000

T4141412051-000

PIN 1

PIN 3

PIN 1

PIN 3

PIN 1

PIN 2

PIN 1

PIN 2

RECOMMENDED DRILLING DIAGRAM

45.0°

1

3

2-Ø1.2

Ø5.0

45.0°

1

3

3-Ø1.2

Ø5.0

45.0°

1

2

3

4

4-Ø1.2

Ø5.0

45.0°

1

2

3

4

5

5-Ø1.2

Ø5.0

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN BO GAO 16FEB2016

CHK KOBBY ZHAO 16FEB2016

APVD XIANG XU 16FEB2016

PRODUCT SPEC 108-106140

APPLICATION SPEC 114-137144

WEIGHT -

CUSTOMER DRAWING

DIMENSIONS: mm

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

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

SIZE A2

CAGE CODE -

DRAWING NO C-T41414120X1000

RESTRICTED TO -

SCALE 3:1

SHEET 1 OF 1

REV C

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

T41414120X1-000

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

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
3u''GOLD PLATED	COPPER ALLOY
80u''NICKEL PLATED	COPPER ALLOY
BLACK	RUBBER
80u''NICKEL PLATED	COPPER ALLOY
-	PA66
CONTACT	METAL NUT
O-RING	
M12,MALE,METAL BODY	
M12,MALE HSG	
5	2 3 4 5
4	1 1 1 1
3	1 1 1 1
2	1 1 1 1
1	1 1 1 1
ITEM	T4141412021-000 T4141412031-000 T4141412041-000 T4141412051-000

1471-9 (3/13)