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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	ECR-16-010931 UPDATE NAME	02AUG2016	L.Z	X.X

18.0HEX

22.0

11

2.0

"L"±0.05M

M12

PG9

1

2

3

4

6

13.5

PIN 1-BROWN

PIN 2-WHITE

POTTING

PIN 4-BLACK

PIN 5-GRAY

PIN 3-BLUE

5

TABLE 1

TECHNICAL DATA	T4171210002-00L	T4171210003-00L	T4171210004-00L	T4171210005-00L
RATED VOLTAGE	250V	250V	250V	60V
RATED CURRENT	4A	4A	4A	4A
POLLITION 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 TEMPEATURE	-40~85°C	-40~85°C	-40~85°C	-40~85°C

PIN ARRANGEMENT
A-CODE

T4171210002-00L	T4171210003-00L	T4171210004-00L
T4171210005-00L		

NOTE:

1. TECHNICAL DATA: SEE TABLE 1

2. PRODUCT COMPLIES WITH IEC61076-2-101

3. PLASTIC INERT MATERIAL:UL LISTED WITH UL94V0 FLAME RATING

4. CABLE LENGTH SEE TABLE 2

注释:

1: 技术参数, 见表1

2: 产品符合标准IEC61076-2-101

3: 塑胶材料符合UL标准, UL-94V0阻燃等级

4: 线长度见表2

WIRES: 0.34MM^2(22AWG)	CABLE LENGTH	DESCRIPTION	POS	TABLE 2 PN
WIRE PN AND COLOR: 1(BR)/2(WH)/3(BL)/4(BK)/5(GR)	-001:0.2M -002:0.5M -003:1.0M -004:1.5M -005:3.0M -006:5.0M -007:7.0M -008:10.0M	RPC-M12-MB-5CON-PG9-**LAU	5	T4171210005-00L
		RPC-M12-MB-4CON-PG9-**LAU	4	T4171210004-00L
		RPC-M12-MB-3CON-PG9-**LAU	3	T4171210003-00L
		RPC-M12-MB-2CON-PG9-**LAU	2	T4171210002-00L

CABLE CHARACTERISTIC	CABLE LENGTH "L"	DESCRIPTION	POS	TABLE 2 PN
FLASH GOLD	COPPER ALLOY	CABLE	6	2 3 4 5
-	COPPER ALLOY	CONTACT	5	2 3 4 5
-	COPPER ALLOY	METAL NUT	4	1 1 1 1
-	-	O-RING	3	1 1 1 1
-	COPPER ALLOY	M12,MALE,METAL BODY	2	1 1 1 1
BLACK	NYLON	M12,MALE HSG, A CODE, 5PINS	1	1 1 1 1
COMMENT	MATERIAL	DESCRIPTION	ITEM	
			T4171210002-00L	
			T4171210003-00L	
			T4171210004-00L	
			T4171210005-00L	

Ch1x45°

Ch1x45°

Ch1x45°

RECOMMENDED PANEL CUTOUT

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 ±
FINISH -

MATERIAL

-

-

DWN BO GAO 01APR2016

CHK KOBBY ZHAO 01APR2016

APVD XIANG XU 01APR2016

PRODUCT SPEC 108-106140

APPLICATION SPEC 114-137144

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

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

SIZE A2

CAGE CODE -

DRAWING NO. T417121000X00L

RESTRICTED TO -

SCALE 2:1

SHEET 1 OF 1

REV A2

1471-9 (3/13)