

4

3

2

1

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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	FEMALE CONTACT	COPPER ALLOY	FLASH GOLD
2	HOUSING	NYLON	BLACK
3	COUPLING NUT	COPPER ALLOY	-
4	OVER-MOLDING	POLYURETHANE	BLUE
5	CABLE	-	-
6	LABEL	-	-

PIN 2-WHITE

PIN 1-BROWN

PIN 3-BLUE

PIN 5-GRAY

PIN 4-BLACK

TECHNICAL DATA				
	T41513X0002-00X	T41513X0003-00X	T41513X0004-00X	T41513X0005-00X
RATED VOLTAGE	250V		60V	
RATED IMPULSE VOLTAGE	2500V		1500V	
RATED CURRENT	4A			
POLLUTION DEGREE	3			
OVERVOLTAGE CATEGORY	II			
MATERIAL GROUP	II			
DEGREE OF PROTECTION	IP67			

PIN ARRANGEMENT A-CODE

T41513X0002-00X	T41513X0003-00X	T41513X0004-00X
T41513X0005-00X		

(46)

(50)

35±5

0m to 1m ±0.05m

1m to 3m ±0.1m

>3m ±1.5%

SW13

6

1

6

5

2

4

3

1

2

WIRES: 0.50mm^2(20AWG)	STANDARD:	FIXED: -10°C~+80°C	BLACK	PVC (UL)	RPC-M12-FS-5CON-PVC-**S0.5	5	T4151350005-00X
WIRE COLOR: WH/BR/BK/BL/GR	-001:0.5 M	FLXIBLE: -5°C~+80°C			RPC-M12-FS-4CON-PVC-**S0.5 <td>4<td>T4151350004-00X</td></td>	4 <td>T4151350004-00X</td>	T4151350004-00X
OD: APPROX.4.5MM FOR 2P/3P	-002:1.0 M				RPC-M12-FS-3CON-PVC-**S0.5 <td>3<td>T4151350003-00X</td></td>	3 <td>T4151350003-00X</td>	T4151350003-00X
APPROX.5.0MM FOR 4P/5P	-003:1.5 M				RPC-M12-FS-2CON-PVC-**S0.5 <td>2<td>T4151350002-00X</td></td>	2 <td>T4151350002-00X</td>	T4151350002-00X
	-004:3.0 M	FIXED: -40°C~+80°C	GRAY	PUR (UL)	RPC-M12-FS-5CON-PUR-**	5 <td>T4151320005-00X</td>	T4151320005-00X
	-005:5.0 M	FLXIBLE: -25°C~+80°C			RPC-M12-FS-4CON-PUR-**	4 <td>T4151320004-00X</td>	T4151320004-00X
	-006:7.0 M				RPC-M12-FS-3CON-PUR-**	3 <td>T4151320003-00X</td>	T4151320003-00X
	-007:10.0 M				RPC-M12-FS-2CON-PUR-**	2 <td>T4151320002-00X</td>	T4151320002-00X
WIRES: 0.34mm^2(22AWG)	CUSTOMIZATION:	FIXED: -10°C~+80°C	BLACK	PVC (UL)	RPC-M12-FS-5CON-PVC-**	5 <td>T4151310005-00X</td>	T4151310005-00X
WIRE COLOR: WH/BR/BK/BL/GR	-XX0:XX.0 M	FLXIBLE: -5°C~+80°C			RPC-M12-FS-4CON-PVC-**	4 <td>T4151310004-00X</td>	T4151310004-00X
OD: APPROX.4.5MM FOR 2P/3P	-XX5:XX.5 M				RPC-M12-FS-3CON-PVC-**	3 <td>T4151310003-00X</td>	T4151310003-00X
APPROX.5.5MM FOR 4P/5P	-99X:0.X M				RPC-M12-FS-2CON-PVC-**	2 <td>T4151310002-00X</td>	T4151310002-00X
CABLE CHARACTERISTIC	LENGTH "L"	CABLE TEMP. RANGE	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TE PN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH -

DWN HAO WANG 11AUG2015

CHK KOBBY ZHAO 11AUG2015

APVD XIANG XU 11AUG2015

PRODUCT SPEC 108-106140

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

M12X1 STRAIGHT RECEPTACLE, FREE END A-CODE, UNSHIELDED,

SIZE A2 CAGE CODE - DRAWING NO C-T41513X00XX00X RESTRICTED TO

SCALE 1:1 SHEET 1 OF 1 REV B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	21AUG2015	HW	XX
	A1	ECR-16-010106	14JUL2016	HW	XX
	A2	ECR-16-015173, ADD NEW PN	29OCT2016	BP	CW
	B	ECR-18-019963	28DEC2018	G.W	C.W

NOTE:
1. STRIP ALL THE INSULATION;
2. CODE POSITION INDICATOR;
3. RECOMMENDED TORQUE 0.6 Nm;
4. -**:CABLE LENGTH
-0.5:0.5M,
-1.0:1.0M,
-1.5:1.5M,
-3.0:3.0M,
-5.0:5.0M,
-7.0:7.0M,
-10.0:10.0M;
5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS;
6. LABEL CONTAINS: PN, DATE CODE...;
7. -00X: FOR CABLE LENGTH, SEE TABLE E AND REFER TO LENGH"L".
注释:
1. 全剥护套绝缘层;
2. CODE位置指示;
3. 推荐扭矩0.6 Nm;
4. -*:线缆长度
-0.5:0.5M,
-1.0:1.0M,
-1.5:1.5M,
-3.0:3.0M,
-5.0:5.0M,
-7.0:7.0M,
-10.0:10.0M;
5. 线缆组件塑料袋包装;
6. 标签包含: 产品编号, 日期代码...;
7. -00X:线缆长度,参考表2,参照长度"L".

1471-9 (3/13)

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