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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	-	-

2

45°

PIN 2-WHITE

PIN 1-BROWN

PIN 3-BLUE

PIN 5-GRAY

PIN 4-BLACK

(34.5)

"L"

0m to 1m ±0.05m

1m to 3m ±0.1m

>3m ±1.5%

(50)

35±5

(28.05)

SW13

6

1

6

5

4

3

2

1

TECHNICAL DATA

T41514X0002-00X

T41514X0003-00X

T41514X0004-00X

T41514X0005-00X

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

T41514X0002-00X	T41514X0003-00X	T41514X0004-00X
T41514X0005-00X		

WIRES: 0.50mm ² (20AWG) WIRE COLOR: WH/BR/BK/BL/GR OD: APPROX.4.5MM FOR 2P/3P APPROX.5.0MM FOR 4P/5P	STANDARD: -001:0.5 M -002:1.0 M -003:1.5 M -004:3.0 M -005:5.0 M -006:7.0 M -007:10.0 M	FIXED: -10°C~+80°C FLXIBLE: -5°C~+80°C	BLACK	PVC (UL)	RPC-M12-FR-5CON-PVC-**S0.5△	5	T4151450005-00X△
WIRES: 0.34mm ² (22AWG) WIRE COLOR: WH/BR/BK/BL/GR OD: APPROX.4.5MM FOR 2P/3P APPROX.5.5MM FOR 4P/5P	CUSTOMIZATION: -XX0:XX.0 M -XX5:XX.5 M -99X:0.X M	FIXED: -40°C~+80°C FLXIBLE: -25°C~+80°C	GRAY	PUR (UL)	RPC-M12-FR-4CON-PVC-**S0.5△	4	T4151450004-00X△
		RPC-M12-FR-3CON-PVC-**S0.5△	3	T4151450003-00X△			
		RPC-M12-FR-2CON-PVC-**S0.5△	2	T4151450002-00X△			
		RPC-M12-FR-5CON-PUR-**△	5	T4151420005-00X△			
		RPC-M12-FR-4CON-PUR-**△	4	T4151420004-00X△			
		RPC-M12-FR-3CON-PUR-**△	3	T4151420003-00X△			
		RPC-M12-FR-2CON-PUR-**△	2	T4151420002-00X△			
FIXED: -10°C~+80°C FLXIBLE: -5°C~+80°C	BLACK	PVC (UL)	RPC-M12-FR-5CON-PVC-**△	5	T4151410005-00X△		
RPC-M12-FR-4CON-PVC-**△	4	T4151410004-00X△					
RPC-M12-FR-3CON-PVC-**△	3	T4151410003-00X△					
RPC-M12-FR-2CON-PVC-**△	2	T4151410002-00X△					
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

NAME M12X1 RA RECEPTACLE, FREE END
A-CODE,
UNSHIELDED,

SIZE A2
CAGE CODE -
DRAWING NO C-T41514X00XX00X
RESTRICTED TO

SCALE 2:1
SHEET 1 OF 1
REV B

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)

Mouser Electronics

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[T4151420002-005](#)