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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 $\pm$ 0.1m $\pm$ 0.05m

1m $\pm$ 0.3m $\pm$ 0.1m

>3m $\pm$ 1.5%

(50)

35 $\pm$ 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 [△]
		FIXED: -10°C~+80°C FLXIBLE: -5°C~+80°C	BLACK	PVC (UL)	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 [△]			
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
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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC $\pm$ -
1 PLC $\pm$ -
2 PLC $\pm$ -
3 PLC $\pm$ -
4 PLC $\pm$ -
ANGLES $\pm$ -
FINISH -
-

MATERIAL

-
-

DWN HAO WANG 11AUG2015

CHK KOBBY ZHAO 11AUG2015

APVD XIANG XU 11AUG2015

PRODUCT SPEC 108-106140

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

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

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)

Mouser Electronics

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