

4

3

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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	FEMALE CONTACT	BRONZE	GOLD PLATED
2	HOUSING	NYLON	BLACK
3	COUPLING NUT	ZAMACK	NICKEL PLATED
4	OVER-MOLDING	POLYURETHANE	BLUE
5	CABLE	-	-
6	LABEL	-	-

PIN 1-BROWN

PIN 2-WHITE

PIN 3-BLUE

PIN 4-BLACK

PIN 5-GRAY

(46)

(50)

35±5

0m to 1m ±0.05m

1m to 3m ±0.1m

>3m ±1.5%

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 1 AND REFER TO LENGH"L".

TECHNICAL DATA

	T41513X00X2-00X	T41513X00X3-00X	T41513X00X4-00X	T41513X00X5-00X
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

T41513X00X2-00X	T41513X00X3-00X	T41513X00X4-00X
T41513X00X5-00X		

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECR-18-019963	28DEC2018	G.W	C.W
	B1	ECR-22-134410	28OCT2022	B.P	C.W
	B2	ECR-24-212908 ADD NEW PN	25JUN2024	F.Y	C.W
	B3	ECR-25-247563	13JUN2025	F.Y	C.W

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1, 参照长度"L".

FOR CONFIGURED PARTS ONLINE, MATERIAL PART NUMBER START WITH C INSTEAD OF T, THESE CAN ONLY ORDER THROUGH CTO TOOL

对于在线定制的料号, 相关料号用C替代T, 这些料号通过CTO工具产生

WIRES: 0.50mm^2(20AWG) WIRE COLOR: WH/BR/BK/BL/GR OD: APPROX.5.4MM FOR 4P 5.9MM FOR 5P		FIXED: -40°C~+80°C FLXIBLE: -25°C~+80°C	BLACK	PUR (UL)	RPC-M12-FS-5CON-PUR-BK0.5-**④	5	T4151380015-00X⑦
WIRES: 0.50mm^2(20AWG) WIRE COLOR: WH/BR/BK/BL OD: APPROX.5.0MM	TANDARD: -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-FS-4CON-PUR-BK0.5-**④	4	T4151380014-00X⑦
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-FS-5CON-PUR-**④	5	T4151320005-00X⑦
		FIXED: -10°C~+80°C FLXIBLE: -5°C~+80°C	BLACK	PVC (UL)	RPC-M12-FS-4CON-PUR-**④	4	T4151320004-00X⑦
					RPC-M12-FS-3CON-PUR-**④	3	T4151320003-00X⑦
					RPC-M12-FS-2CON-PUR-**④	2	T4151320002-00X⑦
					RPC-M12-FS-5CON-PVC-**④	5	T4151310005-00X⑦
					RPC-M12-FS-4CON-PVC-**④	4	T4151310004-00X⑦
					RPC-M12-FS-3CON-PVC-**④	3	T4151310003-00X⑦
					RPC-M12-FS-2CON-PVC-**④	2	T4151310002-00X⑦
CABLE CHARACTERISTIC	LENGTH "L"	CABLE TEMP. RANGE	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TABLE 1 TE PN

1471-9 (3/13)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±-

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

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

SIZE A2

CAGE CODE -

DRAWING NO C-T41513X00XX00X

RESTRICTED TO

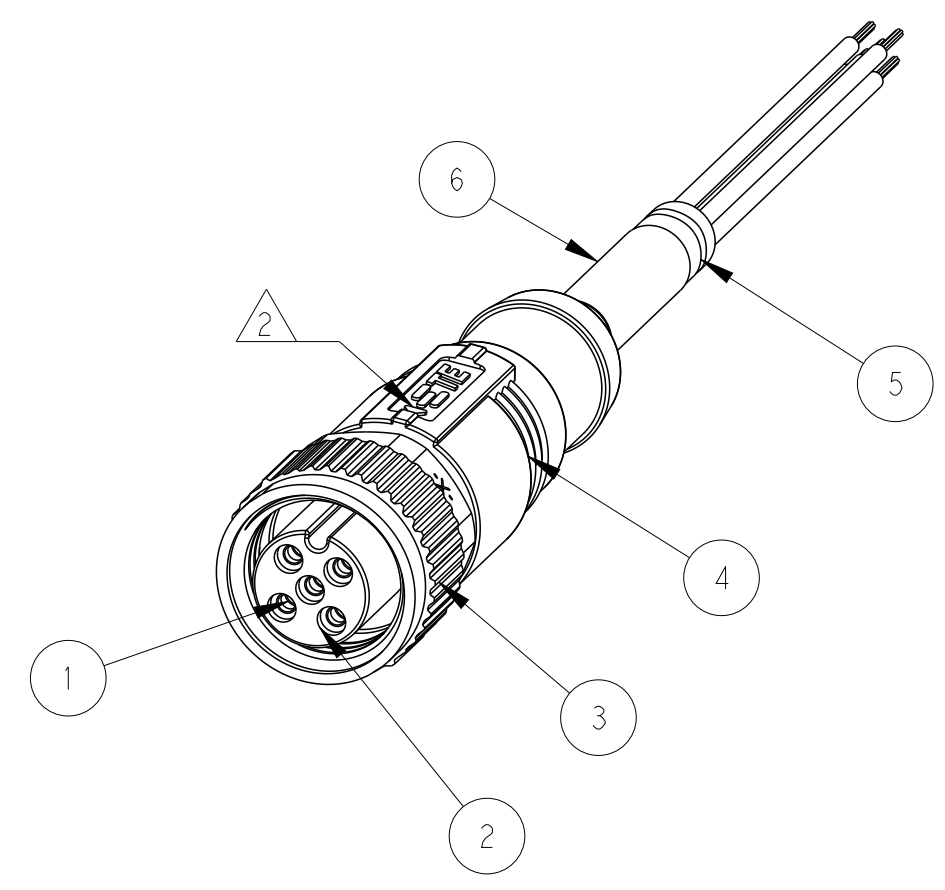
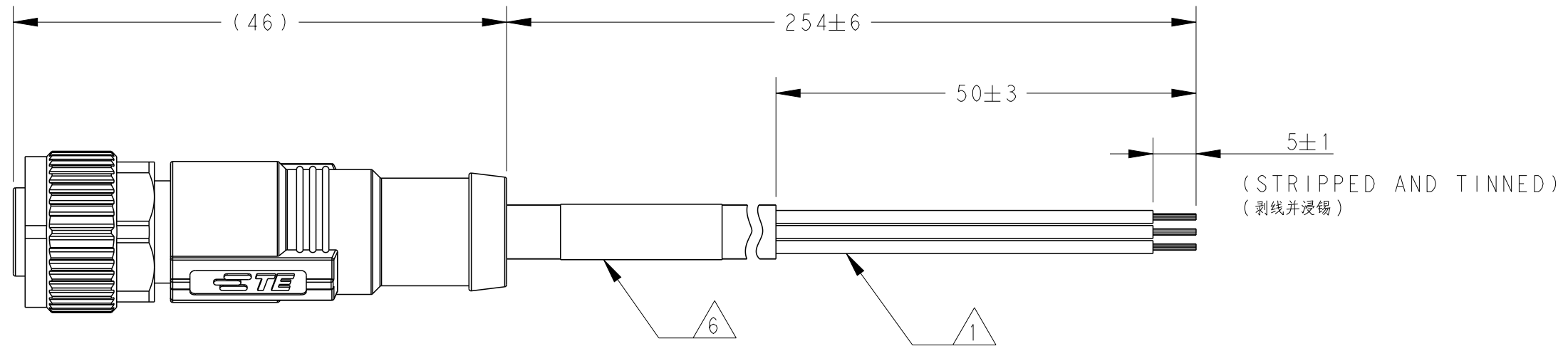
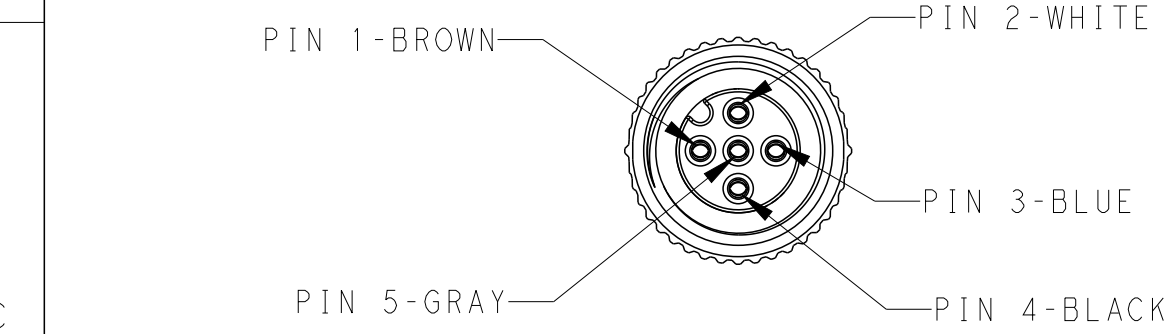
SCALE 1:1

SHEET 1 OF 2

REV B3

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ITEM	DESCRIPTION	MATERIAL	OTHERS	
1	FEMALE CONTACT	BRONZE	GOLD PLATED	
2	HOUSING	NYLON	BLACK	
3	COUPLING NUT	ZAMACK	NICKEL PLATED	
4	OVER-MOLDING	POLYURETHANE	BLUE	
5	CABLE	-	-	
6	LABEL	-	-	

REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN
		SEE SHEET 1		



TECHNICAL DATA	T4151310005-B01	PIN ARRANGEMENT A-CODE		WIRES: 0.34mm ² (22AWG) WIRE COLOR: WH/BR/BK/BL/GR OD: APPROX.5.5MM FOR 5P	254±6mm	M12带PVC线A型直型5针母插 0.254M(TE)	RPC-M12-FS-5CON-PVC-0.254	5	T4151310005-B01				
		T4151310005-B01											
PIN1 PIN2 PIN3 PIN4 PIN5		CABLE CHARACTERISTIC 线缆特性	LENGTH "L" 长度 "L"	DESCRIPTION 描述	TYPE 型号	POS. 针数	TABLE 2 TE PN						
		THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAO WANG 11AUG2015	TE Connectivity								
		DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:					CHK KOBBY ZHAO 11AUG2015				
				0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-					APVD XIANG XU 11AUG2015				
		MATERIAL -		FINISH -					PRODUCT SPEC 108-106140				
		-		-					APPLICATION SPEC -				
RATED VOLTAGE		60V			MATERIAL		WEIGHT -	SIZE A2		CAGE CODE -	DRAWING NO C-T41513X00XX00X		RESTRICTED TO
RATED IMPULSE VOLTAGE		1500V			CUSTOMER DRAWING		SCALE 1:1		SHEET 2 OF 2		REV B3		
RATED CURRENT	4A												
POLLUTION DEGREE	3												
OVERVOLTAGE CATEGORY	II												
MATERIAL GROUP	II												
DEGREE OF PROTECTION	IP67												