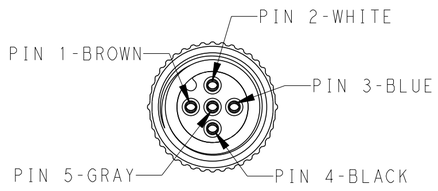
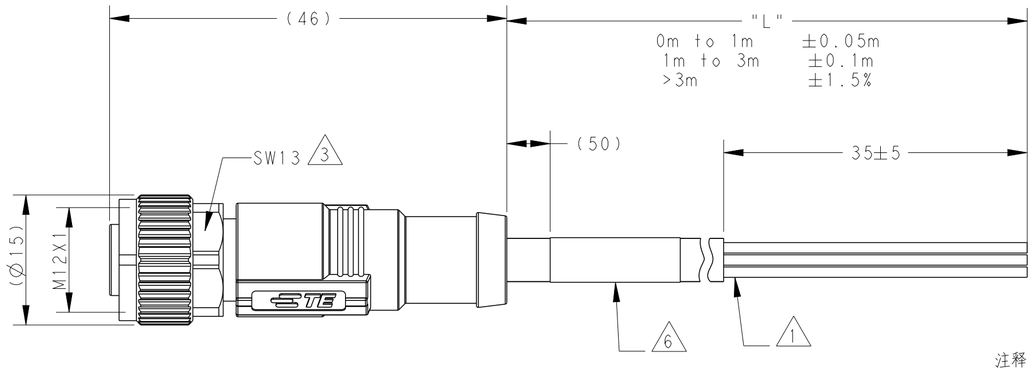
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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	FEMALE CONTACT	BRONZE	GOLD PLATED
2	HOUSING	NYLON	BLACK
3	COUPLING NUT	ZAMACK	NICKEL PLATED
4	OVER-MOLDING	POLYURETHANE	BLUE
5	CABLE	-	-
6	LABEL	-	-

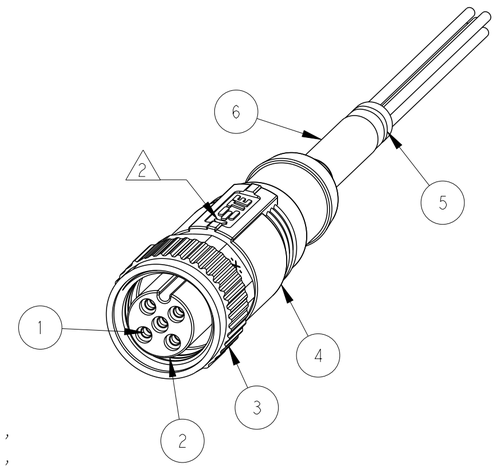




NOTE:
1. STRIP ALL THE INSULATION;
2. CODE POSITION INDICATOR;
3. RECOMMENDED TORQUE 0.6 Nm;
4. -**:CABLE LENGTH
   -0.5:0.5M,
   -1.0:1.0M,
   -1.5:1.5M,
   -3.0:3.0M,
   -5.0:5.0M,
   -7.0:7.0M,
   -10.0:10.0M;
5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS;
6. LABEL CONTAINS: PN, DATE CODE...;
7. -00X: FOR CABLE LENGTH, SEE TABLE 1 AND REFER TO LENGH"L".

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

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	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
	B4	ECR-25-266554 ADD NEW PN	30DEC2025	F.Y	C.W



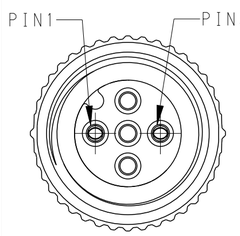
注释：
1. 全剥护套绝缘层；
2. CODE位置指示；
3. 推荐扭矩0.6 Nm；
4. -**：线缆长度
   -0.5:0.5M,
   -1.0:1.0M,
   -1.5:1.5M,
   -3.0:3.0M,
   -5.0:5.0M,
   -7.0:7.0M,
   -10.0:10.0M;
5. 线缆组件塑料袋包装；
6. 标签包含： 产品编号， 日期代码...；
7. -00X：线缆长度，参考表1，参照长度"L".

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

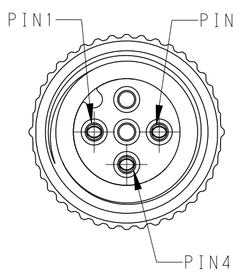
TECHNICAL DATA	T41513X00X2-00X	T41513X00X3-00X	T41513X00X4-00X	T41513X00X5-00X
RATED VOLTAGE	250V			60V
RATED IMPULSE VOLTAGE	2500V			1500V
RATED CURRENT	4A			
POLLUTION DEGREE	3			
OVERVOLTAGE CATEGORY	II			
MATERIAL GROUP	II			
DEGREE OF PROTECTION	IP67			

PIN ARRANGEMENT
A-CODE

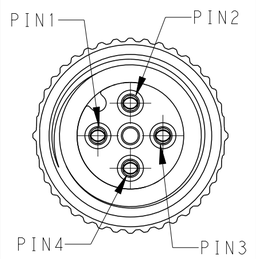
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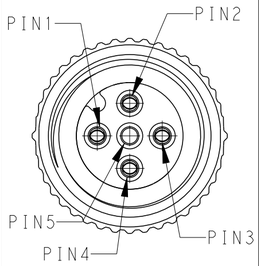
T41513X00X3-00X



T41513X00X4-00X



T41513X00X5-00X



CABLE CHARACTERISTIC	LENGTH "L"	CABLE TEMP. RANGE	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TABLE 1 TE PN
WIRES: 0.50mm^2(20AWG) WIRE COLOR: WH/BR/BK/BL/GR OD:APPROX.5.4MM FOR 4P 5.9MM FOR 5P	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 CUSTOMIZATION: -XX0:XX.0 M -XX5:XX.5 M -99X:0.X M	FIXED: -40°C~+80°C FLXIBLE: -25°C~+80°C	BLACK	PUR (UL)	RPC-M12-FS-5CON-PUR-BK0.5-**4	5	T4151380015-00X7
					RPC-M12-FS-4CON-PUR-BK0.5-**4	4	T4151380014-00X7
WIRES: 0.50mm^2(20AWG) WIRE COLOR: WH/BR/BK/BL OD: APPROX.5.0MM		FIXED: -10°C~+80°C FLXIBLE: -5°C~+80°C	BLACK	PVC (UL)	RPC-M12-FS-4CON-PVC-**S0.54	4	T4151350004-00X7
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		FIXED: -40°C~+80°C FLXIBLE: -25°C~+80°C	GRAY	PUR (UL)	RPC-M12-FS-5CON-PUR-**4	5	T4151320005-00X7
					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
		FIXED: -10°C~+80°C FLXIBLE: -5°C~+80°C	BLACK	PVC (UL)	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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN HAO WANG 11AUG2015
CHK KOBBY ZHAO 11AUG2015
APVD XIANG XU 11AUG2015
PRODUCT SPEC 108-106140
APPLICATION SPEC -
WEIGHT -

TE Connectivity

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

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

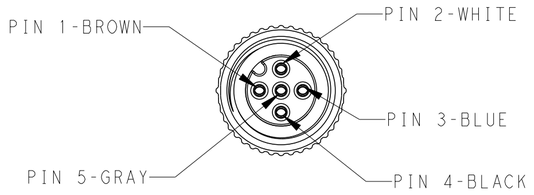
CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 2 | REV B4

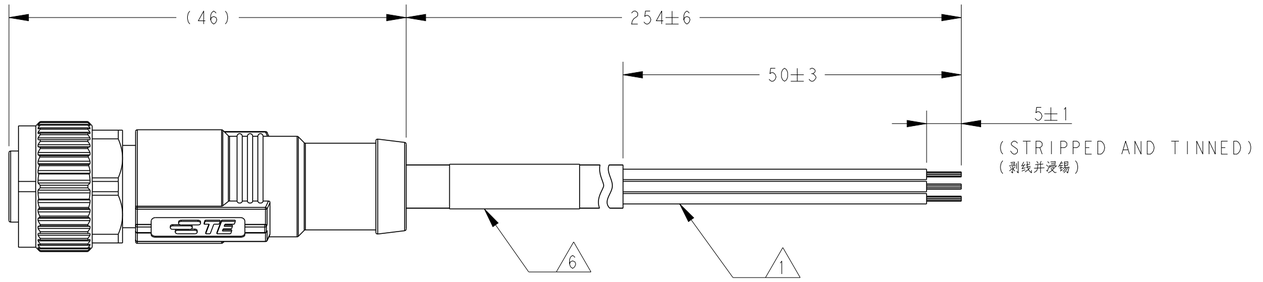
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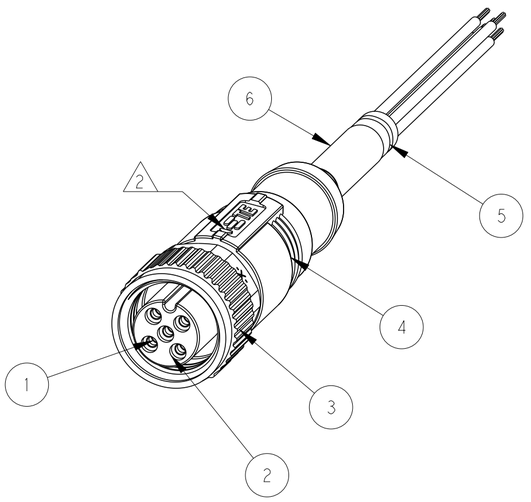
ITEM	DESCRIPTION	MATERIAL	OTHERS
1	FEMALE CONTACT	BRONZE	GOLD PLATED
2	HOUSING	NYLON	BLACK
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4	OVER-MOLDING	POLYURETHANE	BLUE
5	CABLE	-	-
6	LABEL	-	-

REVISIONS

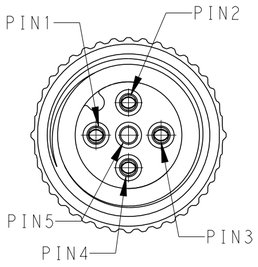
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			







PIN ARRANGEMENT
A-CODE
T41513X0005-B01



WIRES: 0.34mm^2(22AWG) WIRE COLOR: WH/BR/BK/BL/GR OD: 5.8MM FOR 5P	254±6mm	M12带PUR线A型直型5针母插 0.254M(TE)	RPC-M12-FS-5CON-PUR-0.254	5	T4151320005-B01
WIRES: 0.34mm^2(22AWG) WIRE COLOR: WH/BR/BK/BL/GR OD: 5.2MM 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
CABLE CHARACTERISTIC 线缆特性	LENGTH "L" 长度"L"	DESCRIPTION 描述	TYPE 型号	POS. 针数	TABLE 2 TE PN

TECHNICAL DATA	T41513X0005-B01
RATED VOLTAGE	60V
RATED IMPULSE VOLTAGE	1500V
RATED CURRENT	4A
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
DEGREE OF PROTECTION	IP67

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL -
-

FINISH -
-

DWN HAO WANG 11AUG2015
CHK KOBBY ZHAO 11AUG2015
APVD XIANG XU 11AUG2015
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

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

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

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV B4