

4

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2

1

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ITEM	DESCRIPTION	MATERIAL	OTHERS
1	MALE CONTACT	COPPER ALLOY	GOLD PLATED
2	MALE HOUSING	NYLON	BLACK
3	MALE NUT	COPPER ALLOY	NICKEL PLATED
4	FEMALE CONTACT	COPPER ALLOY	GOLD PLATED
5	FEMALE HOUSING	NYLON	BLACK
6	FEMALE NUT	COPPER ALLOY	NICKEL PLATED
7	O-RING	SILICONE	GRAY
8	OVER-MOLDING	PVC	BLACK
9	SHIELDED SHELL	COPPER ALLOY	NICKEL PLATED
10	CABLE	PVC JACKET	RED
11	LABEL	-	-

NOTE:

①. TECHNICAL DATA SEE TABLE 1  
 ②. CODE POSITION INDICATOR  
 ③. RECOMMENDED TORQUE 0.6 Nm  
 ④. -\*\* : CABLE LENGTH, FOR EXAMPLE: -0.5M  
 5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS  
 ⑥. LABEL CONTAINS: PN, DATE CODE...

注释:

①. 技术参数参考表 1  
 ②. CODE 位置指示  
 ③. 推荐扭矩 0.6 Nm  
 ④. -\*\* : 线缆长度, 例如: -0.5M  
 5. 线缆组件塑料袋包装  
 ⑥. 标签包含: 产品编号, 日期代码...

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
	A	INITIAL RELEASE	29JUL2019	A.Z C.W

MALE STRAIGHT TO FEMALE STRAIGHT AS SHOWN

MALE STRAIGHT TO FEMALE RIGHT ANGLE AS SHOWN

FEMALE STRAIGHT TO MALE RIGHT ANGLE AS SHOWN

CIRCUIT DIAGRAM  
A-CODE

PIN 1 DRAIN BARE  
 PIN 2 DB WHITE  
 PIN 3 DG YELLOW  
 PIN 4 DA BLUE

CIRCUIT DIAGRAM

MALE FEMALE

MALE FEMALE

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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	11APR2019
mm	0 PLC ±	CHK	ALEX ZHANG
	1 PLC ±	CHK	HART HE
	2 PLC ±	APVD	11APR2019
	3 PLC ±	APVD	CHRIS WANG
	4 PLC ±	PRODUCT SPEC	108-106140
MATERIAL	ANGLES ±	APPLICATION SPEC	-
-	FINISH ±	WEIGHT	-
-	-	RESTRICTED CUSTOMER	-

NAME: M12 A CODE CABLE ASSY, SHIELDED 4P, MALE TO FEMALE

SIZE: A2 CAGE CODE: - DRAWING NO: C-TAA54XB1411XXX RESTRICTED TO

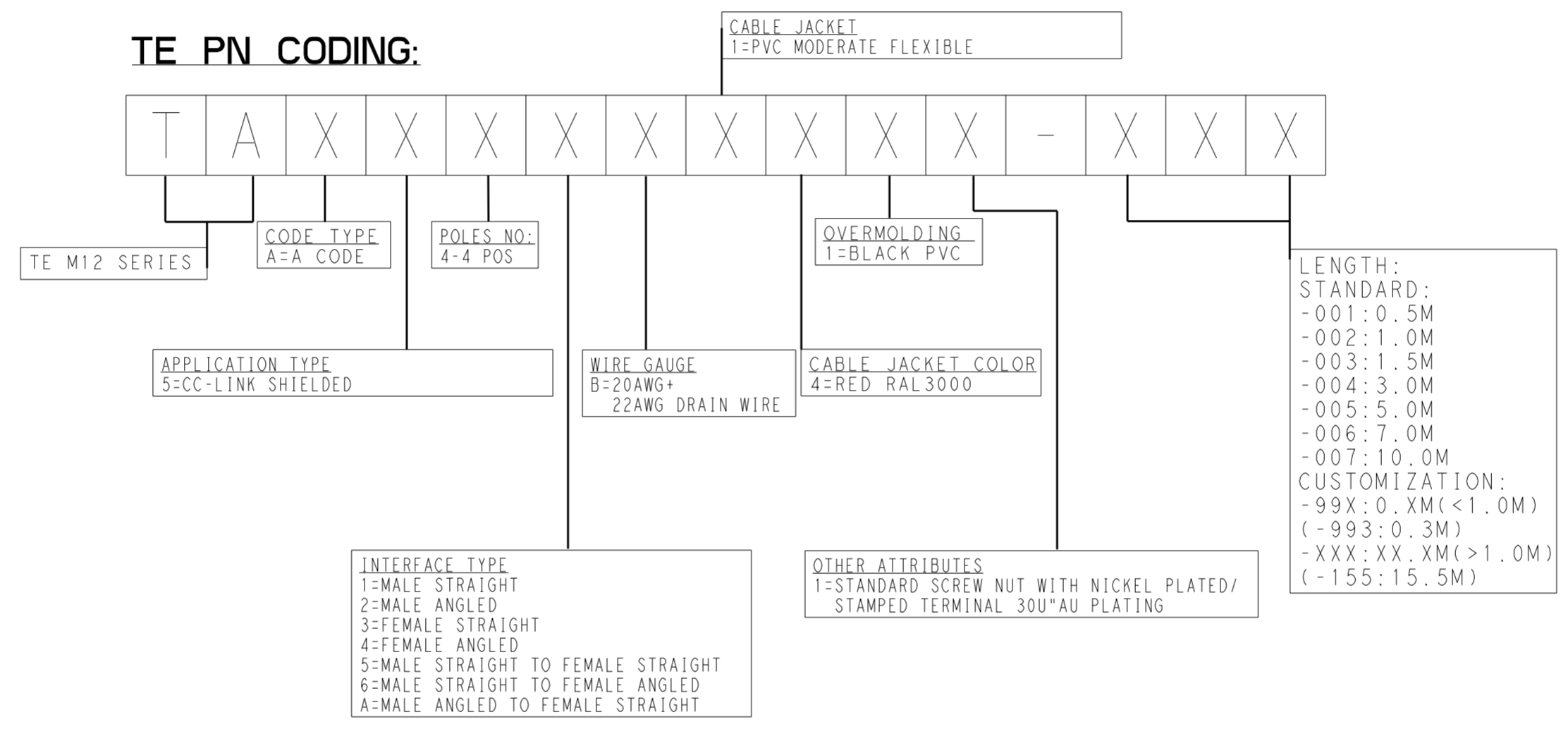
SCALE: 2:1 SHEET: 1 OF 2 REV: A

1471-9 (3/13)

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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-		SEE SHEET 1	-	-

**TE PN CODING:**



WIRES: 3X20AWG+1X22AWG DRAIN WIRE WIRE COLOR: BLUE/YELLOW/WHITE OD: APPROX. 7.7MM TEMPERATURE RATING: 75°C UL OPERATING TEMP RATING: -30°C To +60°C	LENGTH: STANDARD: -001: 0.5M -002: 1.0M -003: 1.5M -004: 3.0M -005: 5.0M -006: 7.0M -007: 10.0M CUSTOMIZATION: -99X: 0.XM(<1.0M) (-993: 0.3M) -XXX: XX.XM(>1.0M) (-155: 15.5M)	RED	PVC	M12A4-MR-FS-PVC-** $\Delta$	4	TAA54AB1411-XXX
				M12A4-MS-FR-PVC-** $\Delta$		TAA546B1411-XXX
				M12A4-MS-FS-PVC-** $\Delta$		TAA545B1411-XXX
CABLE CHARACTERISTIC	LENGTH "L"	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TABLE 2 TE PN

TABLE 1  
TECHNICAL DATA

RATED VOLTAGE	250V
RATED IMPULSE VOLTAGE	2500V
RATED CURRENT	4A
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
DEGREE OF PROTECTION	IP67

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DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN ALEX ZHANG 11APR2019	TE Connectivity
	0 PLC ±	1 PLC ±	CHK HART HE 11APR2019	
MATERIAL -	2 PLC ±	3 PLC ±	APVD CHRIS WANG 11APR2019	NAME M12 A CODE CABLE ASSY, SHIELDED 4P, MALE TO FEMALE
	4 PLC ±	ANGLES ±	PRODUCT SPEC 108-106140	
	FINISH		APPLICATION SPEC	SIZE A2
			WEIGHT	CAGE CODE -
			RESTRICTED CUSTOMER	DRAWING NO G-TAA54XB1411XXX
				RESTRICTED TO
				SCALE 2:1 SHEET 2 OF 2 REV A