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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 | 11 APR 2019 |
| mm | 0 PLC ± | CHK | ALEX ZHANG 11 APR 2019 |
| | 1 PLC ± | CHK | HART HE 11 APR 2019 |
| | 2 PLC ± | APVD | CHRIS WANG 11 APR 2019 |
| | 3 PLC ± | PRODUCT SPEC | 108-106140 |
| | 4 PLC ± | APPLICATION SPEC | - |
| MATERIAL | ANGLES ± | WEIGHT | - |
| - | FINISH ± | RESTRICTED CUSTOMER | - |
| - | - | SCALE | 2:1 |

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

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

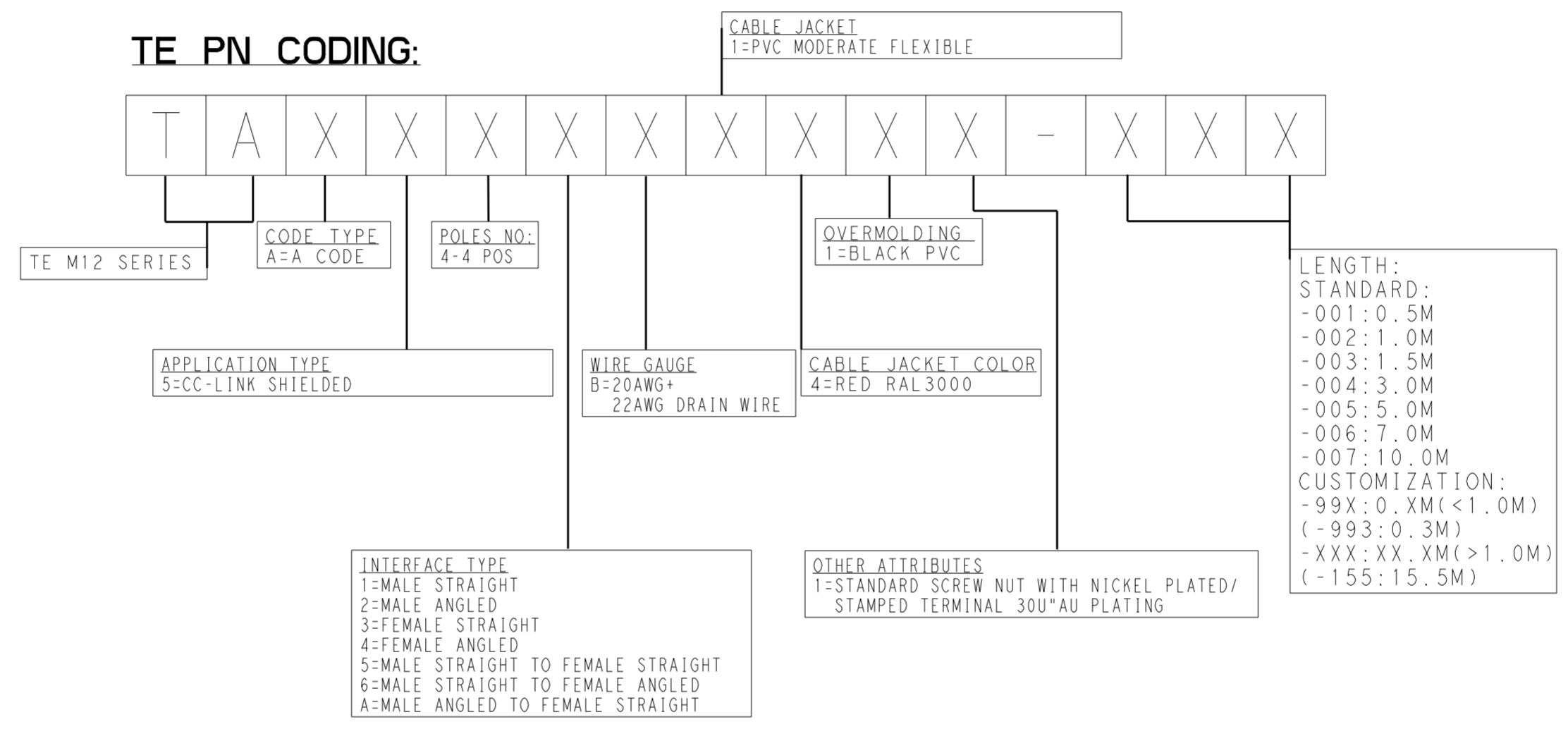
SHEET 1 OF 2 REV A

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-** Δ | 4 | TAA54AB1411-XXX |
| | | | | M12A4-MS-FR-PVC-** Δ | | TAA546B1411-XXX |
| | | | | M12A4-MS-FS-PVC-** Δ | | 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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| | |
|---|---|
| DWN ALEX ZHANG 11APR2019 | TE Connectivity |
| CHK HART HE 11APR2019 | |
| APVD CHRIS WANG 11APR2019 | |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ± |
| MATERIAL | PRODUCT SPEC 108-106140 APPLICATION SPEC - WEIGHT - RESTRICTED CUSTOMER |
| NAME M12 A CODE CABLE ASSY, SHIELDED 4P, MALE TO FEMALE | |
| SIZE A2 | CAGE CODE - DRAWING NO G-TAA54XB1411XXX RESTRICTED TO A |
| SCALE 2:1 SHEET 2 OF 2 REV A | |