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ITEM	DESCRIPTION	MATERIAL	OTHERS	
1	MALE CONTACT	COPPER ALLOY	GOLD PLATED	
2	HOUSING	NYLON	BLACK	
3	COUPLING NUT	COPPER ALLOY	NICKEL PLATED	
4	OVER-MOLDING	TPU/PVC	BLACK	
5	SHIELDED SHELL	COPPER ALLOY	NICKEL PLATED	
6	CABLE	-	-	
7	LABEL	-	-	

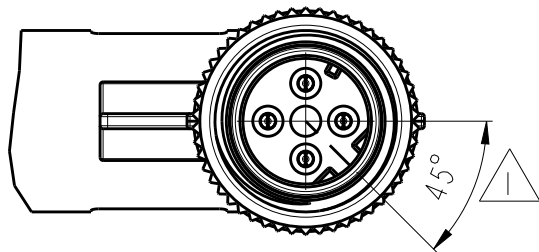
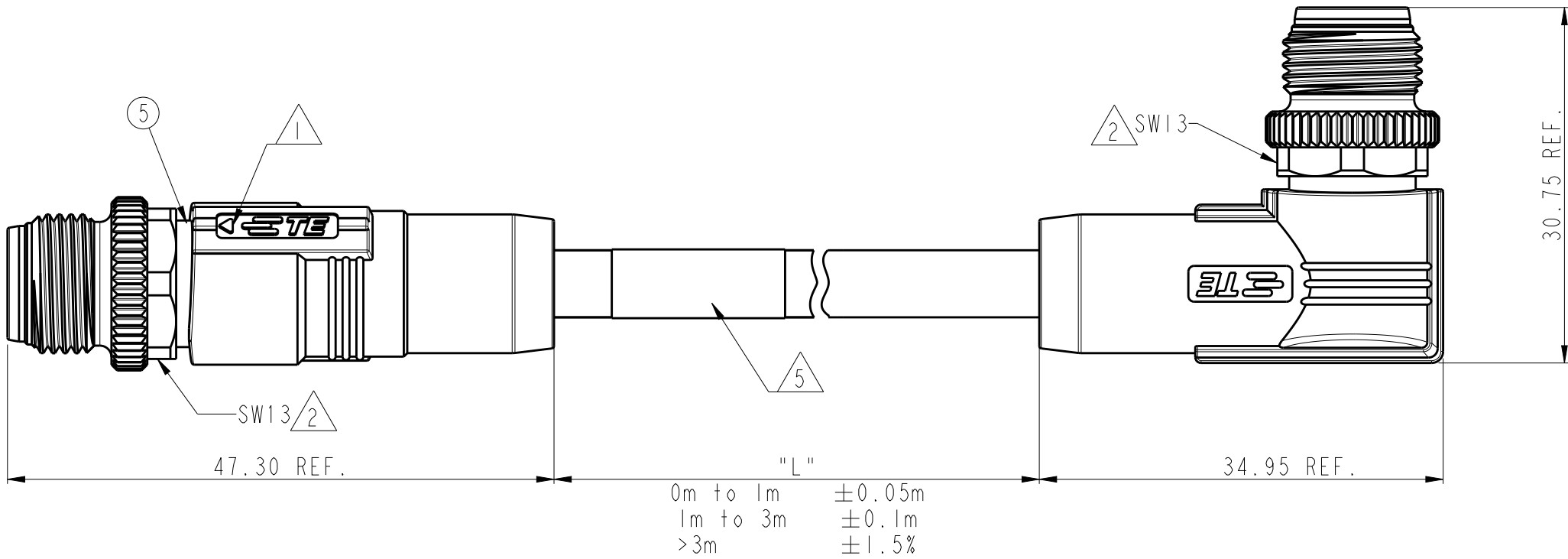
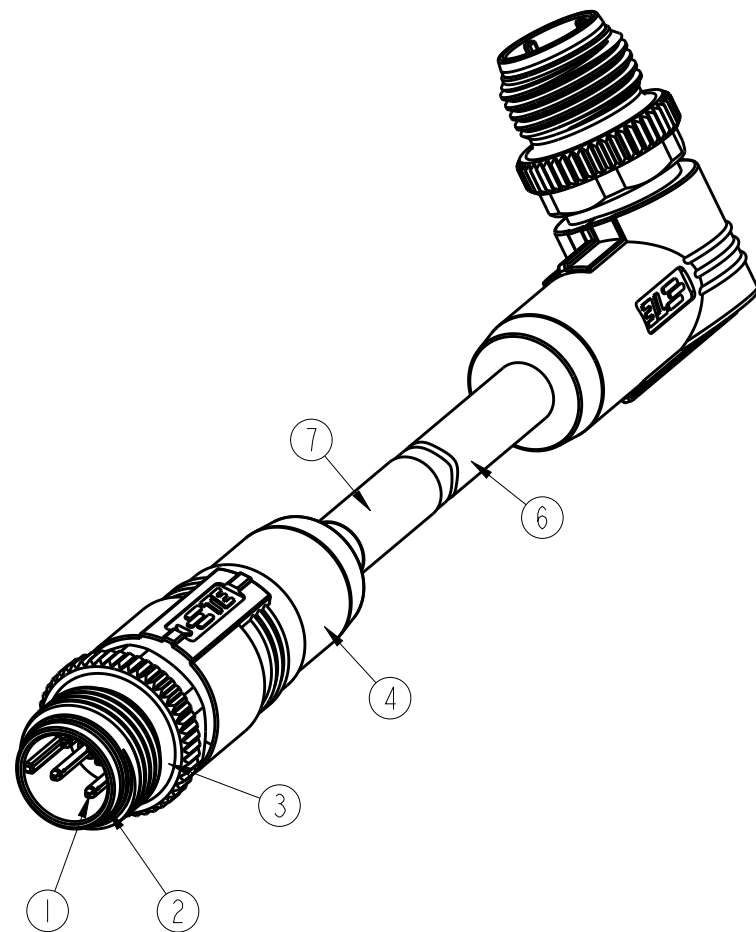
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	18JUL2019	A.Z	C.W
	A1	CORRECT DRAFT ERROR	16OCT2019	A.Z	C.W
	A2	CLARIFY TYPICAL PNS	22JUN2020	A.Z	C.W
	A3	CLARIFY WIRE MAP	25AUG2020	A.Z	C.W

D

C

B

A



NOTE:

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

注释:

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

WIRES:1X4X22AWG WIRE COLOR: WHITE/YELLOW/BLUE/ORANGE OD: APPROX.6.5MM TEMPERATURE RATING:80°C UL OPERATING TEMP RATING: -40°C To +80°C	TYPICAL LENGTH: -001:0.5M -002:1.0M -020:2.0M -005:5.0M -007:10.0M -150:15.0M -200:20.0M -250:25.0M -300:30.0M	RED	PVC	M12D4-MS-MR-PVC TYPE B RED-**③	4	TAD14841311-XXX⑥
WIRES:1X4X22AWG WIRE COLOR: WHITE/YELLOW/BLUE/ORANGE OD: APPROX.6.65MM TEMPERATURE RATING:80°C UL OPERATING TEMP RATING: -30°C To +70°C DRAG CHAIN TEST: MIN. 1 MILLION CYCLES,DIAMETER 75MM, SPEED 2m/s,ACCELERATION 2m/s ²	CUSTOMIZATION RULES: -003:1.5M -004:3.0M -005:5.0M -006:7.0M -99X:0.XM(<1.0M) (-993:0.3M) -XXX:XX.XM(>1.0M) (-155:15.5M)	GREEN	PUR	M12D4-MS-MR-PUR TYPE C GREEN-**③	4	TAD14845101-XXX⑥
WIRES:1X4X22AWG WIRE COLOR: WHITE/YELLOW/BLUE/ORANGE OD: APPROX.6.5MM TEMPERATURE RATING:80°C UL OPERATING TEMP RATING: -25°C To +80°C		GREEN	FRNC	M12D4-MS-MR-FRNC TYPE B GREEN-**③	4	TAD14847101-XXX⑥
WIRES:1X4X22AWG WIRE COLOR: WHITE/YELLOW/BLUE/ORANGE OD: APPROX.6.5MM TEMPERATURE RATING:80°C UL OPERATING TEMP RATING: -40°C To +80°C		GREEN	PVC	M12D4-MS-MR-PVC TYPE B GREEN-**③	4	TAD14841111-XXX⑥
CABLE CHARACTERISTIC	LENGTH "L"	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TABLE 2 TE PN

PIN ARRANGEMENT
D-CODE

PIN 1 TD+ YELLOW/黄
PIN 3 TD- ORANGE/橙
PIN 2 RD+ WHITE/白
PIN 4 RD- BLUE/蓝

CIRCUIT DIAGRAM

MALE

MALE

4

3

1

2

TD+ 1

TD- 3

RD+ 2

RD- 4

1 YELLOW

3 ORANGE

2 WHITE

4 BLUE

SHIELD

③

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 11 APR 2019
CHK ALEX ZHANG
HART HE
APVD CHRIS WANG
HART HE
PRODUCT SPEC
108-106140
APPLICATION SPEC
114-137144
WEIGHT
-

NAME
M12 D CODE CABLE ASSY,SHIELDED
4P,MS TO MR
-
SIZE
A2
CAGE CODE
-
DRAWING NO
C-TAD1484XXXXXX
RESTRICTED TO
SCALE 2:1
SHEET 1 OF 2
REV A3

TE Connectivity

4

3

2

1

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REVISIONS

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

TECHNICAL DATA

RATED VOLTAGE	250V 30V(UL)
RATED CURRENT	4A 1.5A(UL)
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
DEGREE OF PROTECTION	IP67

TE PN CODING:

CABLE JACKET
1=PVC MODERATE FLEXIBLE
5=PUR HIGH FLEXIBLE(DRAG CHAIN)
7=FRNC MODERATE FLEXIBLE

TAXX XX XX XX XX XX XX XX XX XX - XX XX XX

TE M12 SERIES

CODE TYPE
D=D CODE

POLES NO:
4-4 POS

APPLICATION TYPE
1=ETHERNET CAT5E SHIELDED

WIRE GAUGE
4=22AWG

CABLE JACKET COLOR
1=GREEN
SIMILAR TO RAL6018
3=RED
SIMILAR TO RAL3020

OVERMOLDING
0=BLACK TPU
1=BLACK PVC

INTERFACE TYPE
1=MALE STRAIGHT
2=MALE ANGLED
7=MALE STRAIGHT TO MALE STRAIGHT
8=MALE STRAIGHT TO MALE ANGLED

OTHER ATTRIBUTES
1=STANDARD SCREW NUT WITH NICKEL PLATED/
STAMPED TERMINAL 30U"AU PLATING

TYPICAL LENGTH:
-001:0.5M
-002:1.0M
-020:2.0M
-005:5.0M
-007:10.0M
-150:15.0M
-200:20.0M
-250:25.0M
-300:30.0M

CUSTOMIZATION RULES:
-003:1.5M
-004:3.0M
-005:5.0M
-006:7.0M
-99X:0.XM(<1.0M)
(-993:0.3M)
-XXX:XX.XM(>1.0M)
(-155:15.5M)

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 11APR2019
CHK ALEX ZHANG HART HE
APVD HART HE HART HE
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -
CUSTOMER DRAWING

TE Connectivity

NAME M12 D CODE CABLE ASSY,SHIELDED
4P,MS TO MR

SIZE A2

CAGE CODE -

DRAWING NO ©TAD1484XXXXXX

RESTRICTED TO

SCALE 2:1

SHEET 2 OF 2

REV A3

1471-9 (3/13)