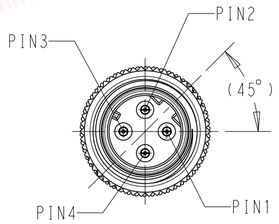
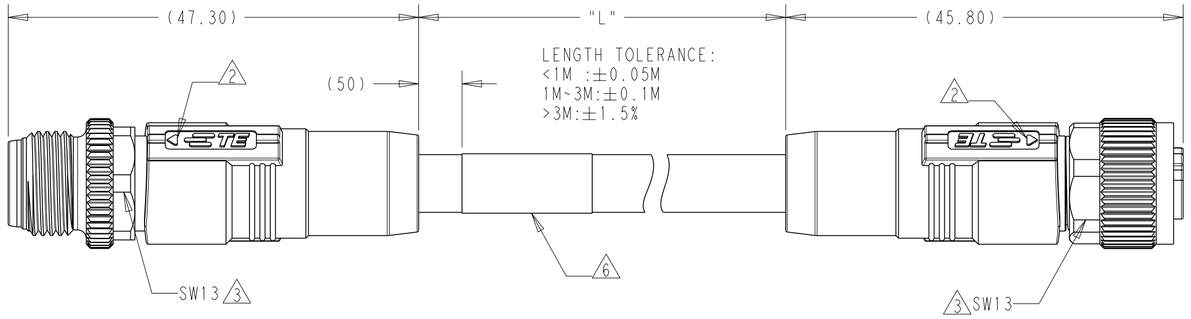
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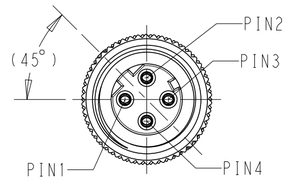
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
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	A1	PER ECR-21-001399	08FEB2021	F.Y	C.W



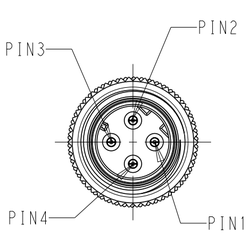
M12 D CODE STRAIGHT MALE,4P



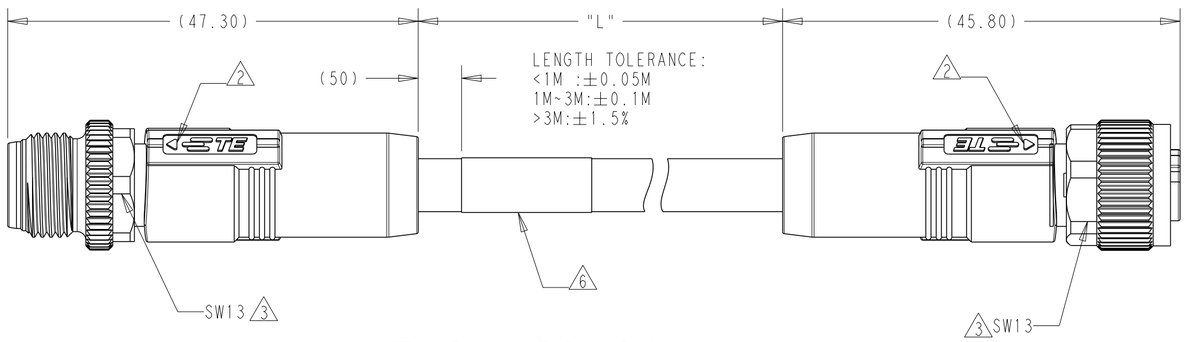
TAD14545101-XXX
TAD14541111-XXX
TAD1453A201-XXX



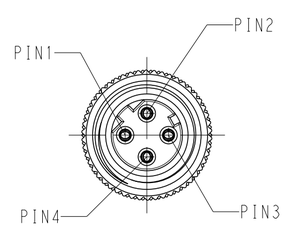
M12 D CODE STRAIGHT FEMALE,4P



M12 D CODE STRAIGHT MALE,4P



TAD2453A201-XXX



M12 D CODE STRAIGHT FEMALE,4P

NOTE:

1. TECHNICAL DATA:SEE TABLE 1
2. CODE POSITION INDICATOR.
3. RECOMMENDED TORQUE 0.6NM
4. -**:CABLE LENGTH,FOR EXAMPLE:-0.5M
5. CABLE ASSEMBLY TO BE PACKAGED AS PACKAGING SPECIFICATION
6. LABLE CONTAINS:PN,DATE CODE...
7. -XXX: FOR CABLE LENGTH ,SEE TABLE 2 AND REFER TO LENGTH "L"

注释:

1. 技术参数:参考表 1
2. CODE位置指示
3. 推荐扭力 0.6NM
4. -**:线缆长度 例如:-0.5M
5. 线缆组件按照包装规范包装;
6. 标签包含: 产品编号,日期代码...
7. -XXX:线缆长度,参考表2,参照长度"L".

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN FENCER YU 22SEP2020	TE Connectivity
		CHK CHRIS WANG 22SEP2020	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD CHRIS WANG 22SEP2020	NAME M12 D CODE CABLE ASSY,4P SHIELDED/UNSHIELDED MS TO FS
		PRODUCT SPEC 108-106140	
		APPLICATION SPEC 114-137144	
MATERIAL - -	FINISH - -	WEIGHT -	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-TADX45XXXX1XXX / RESTRICTED TO -
CUSTOMER DRAWING		SCALE 2:1	SHEET 1 OF 3 / REV A1

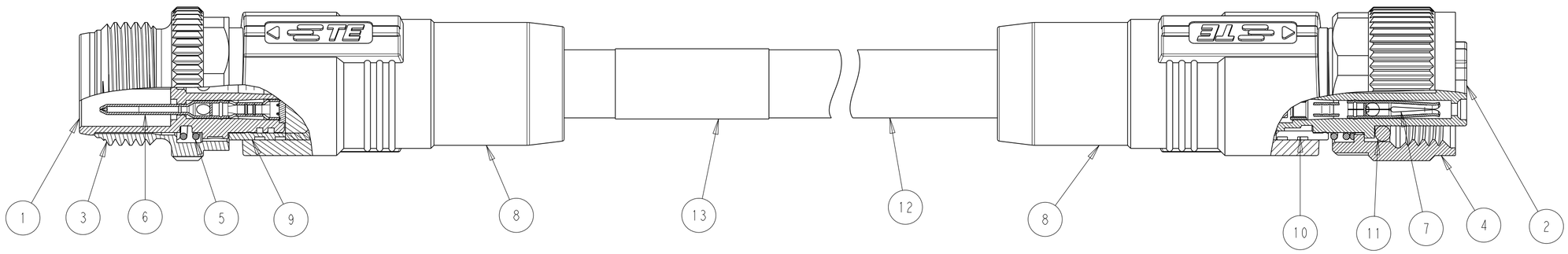
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

CABLE CHARACTERISTIC	LENGTH "L"	TYPE	TABLE 2 TE PN
INDUSTRIAL ETHERNET CAT5E UNSHIELDED TPE CABLE,TEAL: WIRES:2PRX24AWG WIRE COLOR: PAIR1-WHITE/ORANGE PAIR2-WIHTE/GREEN OD: APPROX.6.10MM TEMPERATURE RATING:80°C UL OPERATING TEMP RATING: -40°C To +80°C	LENGTH STANDARD: -001:0.5M -002:1.0M -003:1.5M -004:3.0M -005:5.0M -006:7.0M -007:10.0M CUSTOMIZEATION: -99X:0.XM(<1M) (-993:0.3M) -XXX:XX.XM(>1M) (-155:15.5M) TOLERANCE: 0~1M:±0.05M 1-3M:±0.1M >3M:±1.5%	M12D4-MS-FS-TPE-24UNSH-TEAL-**④	TAD2453A201-XXX ⑦
INDUSTRIAL ETHERNET CAT5E SHIELDED TPE CABLE,TEAL: WIRES:2PRX24AWG WIRE COLOR: PAIR1-WHITE/ORANGE PAIR2-WIHTE/GREEN OD: APPROX.6.60MM TEMPERATURE RATING:80°C UL OPERATING TEMP RATING: -40°C To +80°C		M12D4-MS-FS-TPE-24SH-TEAL-**④	TAD1453A201-XXX ⑦
INDUSTRIAL ETHERNET PROFINET TYPE B CAT5E SHIELDED PVC CABLE,GREEN: 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		M12D4-MS-FS-PVC-22SH-TYPE B GREEN-**④	TAD14541111-XXX ⑦
INDUSTRIAL ETHERNET PROFINET TYPE C CAT5E SHIELDED PUR CABLE,GREEN: 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		M12D4-MS-FS-PUR-22SH-TYPE C GREEN-**④	TAD14545101-XXX ⑦

NOTES 备注	MATERIAL 材质	DESCRIPTION 描述	ITEM 序号	TAD14545101-XXX	TAD14541111-XXX	TAD1453A201-XXX	TAD2453A201-XXX
-	-	LABEL	13	1	1	1	1
-	PUR/PVC/TPE	CABLE	12	1	1	1	1
-	-	O-RING	11	1	1	1	1
NICKEL PLATED	BRASS	FEMALE STRAIGHT SHELL	10	1	1	1	-
NICKEL PLATED	BRASS	MALE STRAIGHT SHELL	9	1	1	1	-
BLACK	PVC	OVER-MOLDING	8	-	1	-	-
	TPU			1	-	1	1
GOLD PLATED	COPPER ALLOY	FEMALE CONTACT	7	4	4	4	4
GOLD PLATED	COPPER ALLOY	MALE CONTACT	6	4	4	4	4
-	SUS	SPRING	5	2	2	2	1
NICKEL PLATED	BRASS	M12 FEMALE NUT	4	1	1	1	1
NICKEL PLATED	BRASS	M12, MALE NUT	3	1	1	1	1
-	PA66,25%GF	M12, FEMALE HSG, D CODE, 4P	2	1	1	1	1
-	PA66,25%GF	M12, MALE HSG, D CODE, 4P	1	1	1	1	1



PIN ARRANGEMENT

SHIELDED		UNSHIELDED
TAD14545101-XXX TAD14541111-XXX: USE PUR AND PVC SHIELDED CABLE	TAD1453A201-XXX USE TPE SHIELDED CABLE	TAD2453A201-XXX USE TPE UNSHIELDED CABLE
CIRCUIT DIAGRAM MALE FEMALE TD+ 1 — YELLOW — 1 TD- 3 — ORANGE — 3 RD+ 2 — WHITE — 2 RD- 4 — BLUE — 4 SHIELD	CIRCUIT DIAGRAM MALE FEMALE TD+ 1 — WHOG — 1 TD- 3 — ORANGE — 3 RD+ 2 — WHGN — 2 RD- 4 — GREEN — 4 SHIELD	CIRCUIT DIAGRAM MALE FEMALE TD+ 1 — WHOG — 1 TD- 3 — ORANGE — 3 RD+ 2 — WHGN — 2 RD- 4 — GREEN — 4

TABLE I		
TECHNICAL DATA	TAD14545101-XXX TAD14541111-XXX	TAD1453A201-XXX TAD2453A201-XXX
RATED VOLTAGE	250V 30V(UL)	250V 30V(UL)
RATED CURRENT	4A 1.5A(UL)	3A 1.5A(UL)
POLLUTION DEGREE	3	3
OVERVOLTAGE CATEGORY	II	II
MATERIAL GROUP	II	II
INSULATION RESISTANCE	100MΩ	100MΩ
DEGREE OF PROTECTION	IP67	IP67

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DIMENSIONS: mm

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

MATERIAL -
-

FINISH -
-

DWN FENCER YU 22SEP2020
CHK CHRIS WANG 22SEP2020
APVD CHRIS WANG 22SEP2020
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12 D CODE CABLE ASSY,4P SHIELDED/UNSHIELDED MS TO FS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-TADX45XXXX1XXX	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 3 | REV A1

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

PRODUCT CODE:

T A D X X X X X X X X - X X X

No.12-14: CABLE LENGTH:
-001~-007:0.5M,1M,1.5M,3M,5M,7M,10M;
-99X:0.XM(<1M); -XXX:XX.XM(>1M)

No.11: 1=STANDARD SCREW NUT WITH NICKEL PLATED
STAMPED TERMINAL 30u" Au PLATED

No.10: OVERMOLDING:
0--BLACK TPU OVER-MOLDING
1--BLACK PVC OVER-MOLDING

No.9: CABLE COLOR:
1--GREEN RAL6018
2--TEAL

No.8: CABLE JECKET:
1--PVC-MODERATE FLEXIBLE
5--PUR-HIGH-FLEX
A--TPE- EXTREME HIGH FLEX

No.7: WIRE GUAGE:3--24 AWG
4--22 AWG

No.6: INTERFACE TYPE:
5--MALE STRAIGHT TO FEMALE STRAIGHT

No.5: POLES NO.: 4--4 POLES

No.4: APPLICATION TYPE:
1--SHIELDING INDUSTRIAL ETHERNET CAT5E
2--UNSHIELDING INDUSTRIAL ETHERNET CAT5E

No.3: CODE TYPE: D--D CODE

No.2: A--M12 SERIES

No.1: T--TE BRAND

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 FENCER YU 22SEP2020
CHK CHRIS WANG 22SEP2020
APVD CHRIS WANG 22SEP2020
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12 D CODE CABLE ASSY,4P SHIELDED/UNSHIELDED MS TO FS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-TADX45XXXX1XXX	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 3 | REV A1