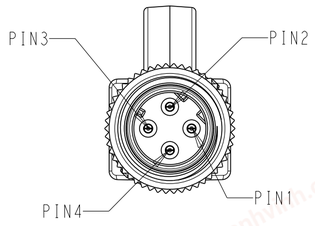
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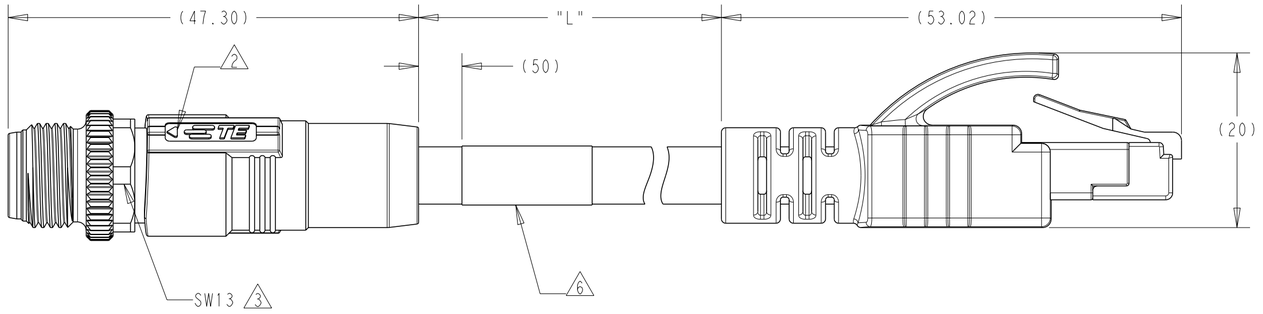
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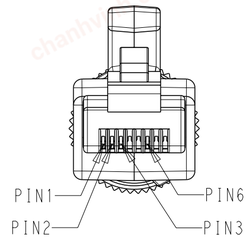
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	A1	PER ECR-21-001399	08FEB2021	F.Y	C.W



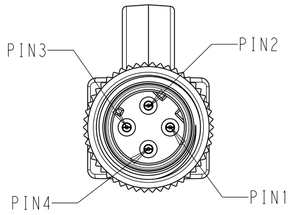
M12 D CODE,MALE PLUG



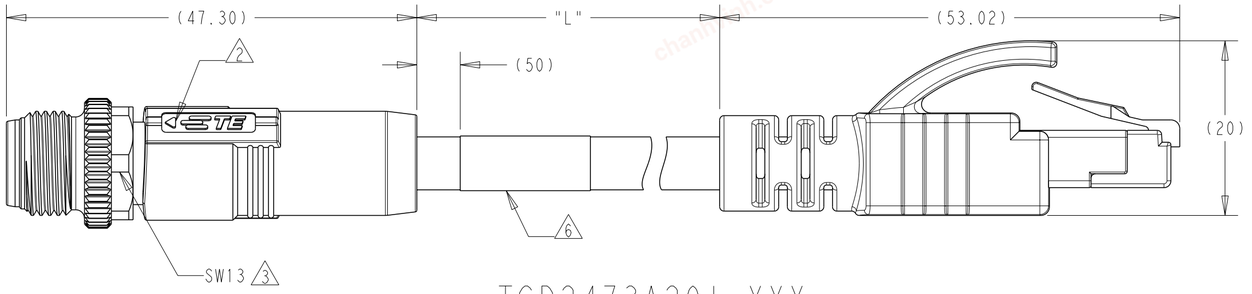
TCD1473A201-XXX



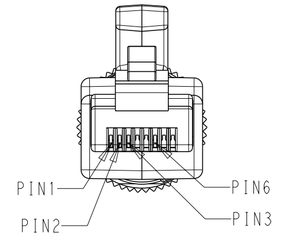
RJ45 PLUG



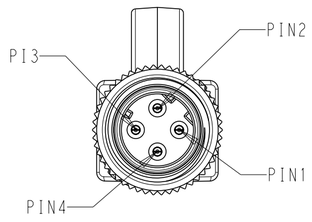
M12 D CODE,MALE PLUG



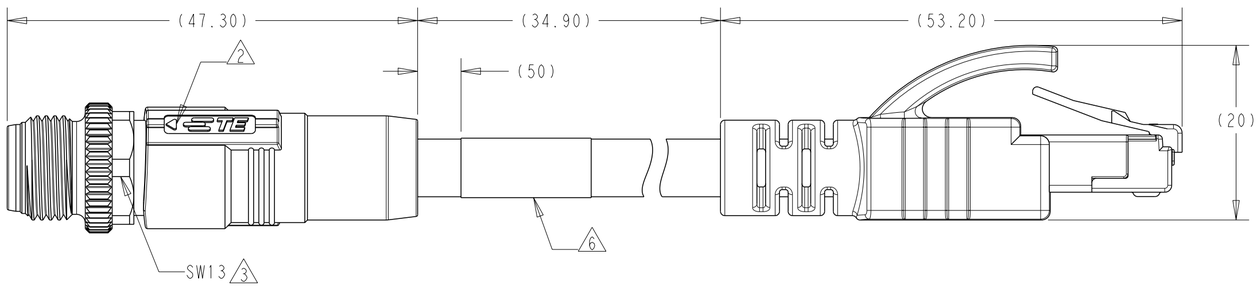
TCD2473A201-XXX



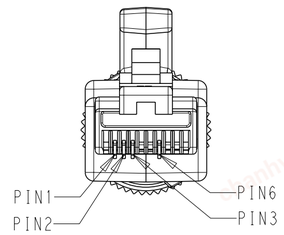
RJ45 PLUG



M12 D CODE,MALE PLUG



TCD14745101-XXX
TCD14741111-XXX



RJ45 PLUG

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".

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±-	CHK CHRIS WANG 22SEP2020	NAME M12 D CODE STRAIGHT PLUG 4P TO RJ45 STRAIGHT PLUG -
		APVD CHRIS WANG 22SEP2020	
		PRODUCT SPEC 108-137541	
		APPLICATION SPEC 114-137144	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-TCDX47XXXX1XXX / RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	CUSTOMER DRAWING / SCALE 2:1 / SHEET 1 OF 3 / REV A1

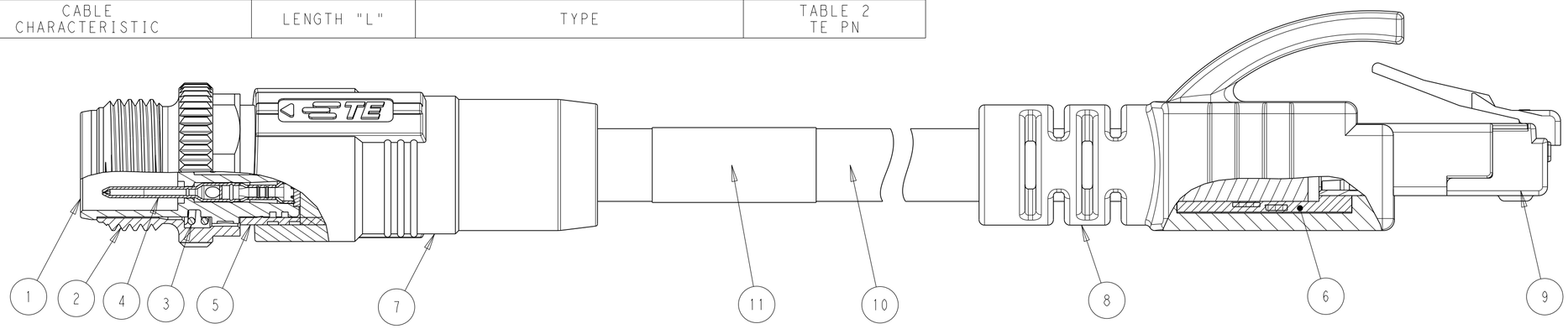
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

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-RJ-TPE-24UNSH-TEAL-** (4)	TCD2473A201-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-RJ-TPE-24SH-TEAL-** (4)	TCD1473A201-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-RJ-PVC-22SH-TYPE B GREEN-** (4)	TCD14741111-XXX (7)
INDUSTRIAL ETHERNET PROFINET TYPE C CAT5E SHIELDED PUR CABLE,GREEN: IRES: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-RJ-PUR-22SH-TYPE C GREEN-** (4)	TCD14745101-XXX (7)

NOTES 备注	MATERIAL 材质	DESCRIPTION 描述	ITEM 序号	TCD14745101-XXX	TCD14741111-XXX	TCD1473A201-XXX	TCD2473A201-XXX
-	-	LABEL	11	1	1	1	1
-	PUR/PVC/TPE	CABLE	10	1	1	1	1
GOLD PLATED	-	RJ45 PLUG	9	1	1	1	1
BLACK	TPU/PVC	OUTER OVER MOLDING FOR RJ45 PLUG	8	1	1	1	1
BLACK	TPU/PVC	OUTER OVER-MOLDING FOR M12 D CODE	7	1	1	1	1
-	PE	INNER OVER MOLDING FOR RJ45 PLUG	6	1	1	1	1
NICKEL PLATED	COPPER ALLOY	MALE STRAIGHT SHELL	5	1	1	1	-
GOLD PLATED	COPPER ALLOY	MALE CONTACT	4	4	4	4	4
-	SUS	SPRING	3	1	1	1	1
NICKEL PLATED	COPPER ALLOY	M12, MALE NUT	2	1	1	1	1
BLACK	NYLON	M12, MALE HSG, D CODE, 4P	1	1	1	1	1



PIN ARRANGEMENT

SHIELDED		UNSHIELDED
TCD14745101-XXX TCD14741111-XXX: USE PUR AND PVC SHIELDED CABLE	TCD1473A201-XXX USE TPE SHIELDED CABLE	TCD2473A201-XXX USE TPE UNSHIELDED CABLE
CIRCUIT DIAGRAM M12 RJ45 TD+ 1 — YELLOW — 1 TD- 3 — ORANGE — 2 RD+ 2 — WHITE — 3 RD- 4 — BLUE — 6 SHIELD	CIRCUIT DIAGRAM M12 RJ45 TD+ 1 — WHOG — 1 TD- 3 — ORANGE — 2 RD+ 2 — WHGN — 3 RD- 4 — GREEN — 6 SHIELD	CIRCUIT DIAGRAM M12 RJ45 TD+ 1 — WHOG — 1 TD- 3 — ORANGE — 2 RD+ 2 — WHGN — 3 RD- 4 — GREEN — 6

TABLE I TECHNICAL DATA	
RATED VOLTAGE	30V
RATED CURRENT	0.5A
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
INSULATION RESISTANCE	100MΩ
DEGREE OF PROTECTION(MI2)	IP67
DEGREE OF PROTECTION(RJ45)	IP20
OPERATION TEMPERATURE	M12 D CODE:-40°C~85°C
	RJ45 PLUG:-25°C~60°C
	CABLE REFER TO TABLE 2

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 108-137541
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12 D CODE STRAIGHT PLUG 4P TO RJ45 STRAIGHT PLUG
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-TCDX47XXXX1XXX	-

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 C 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:
  7--MALE STRAIGHT TO MALE 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: C--M12 TO RJ PLUG
- 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 108-137541
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12 D CODE STRAIGHT PLUG 4P TO RJ45 STRAIGHT PLUG
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-TCDX47XXXX1XXX	-

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