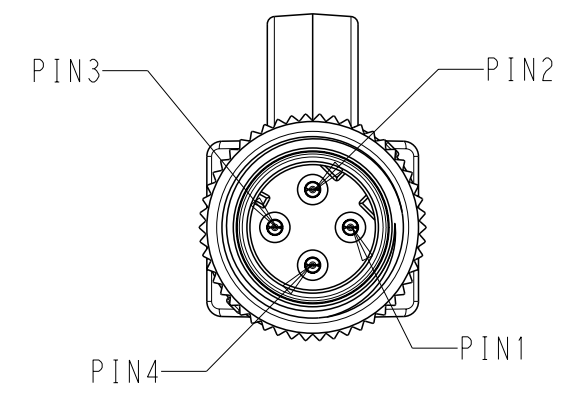
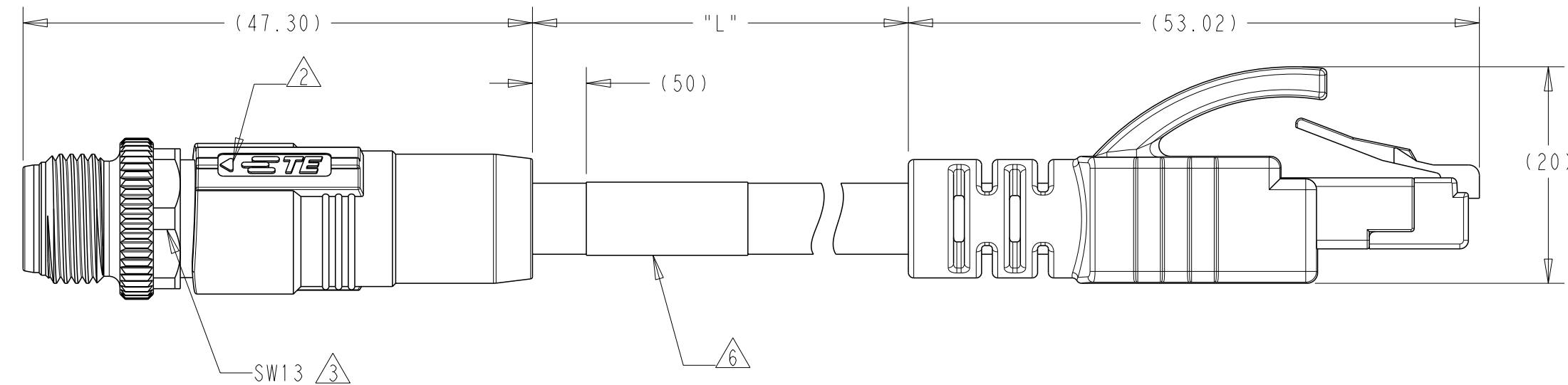


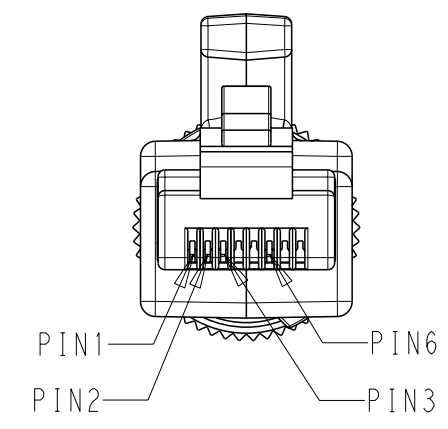
D



M12 D CODE, MALE PLUG

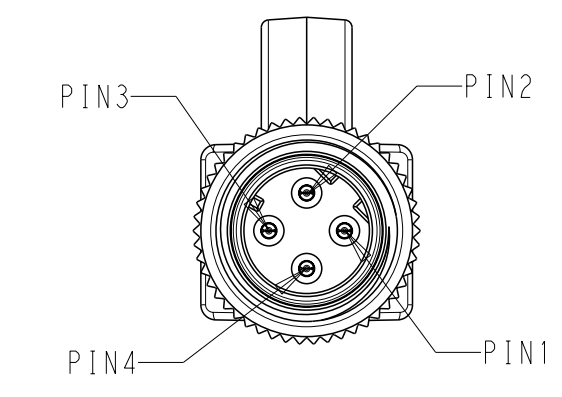


TCDI473A201-XXX

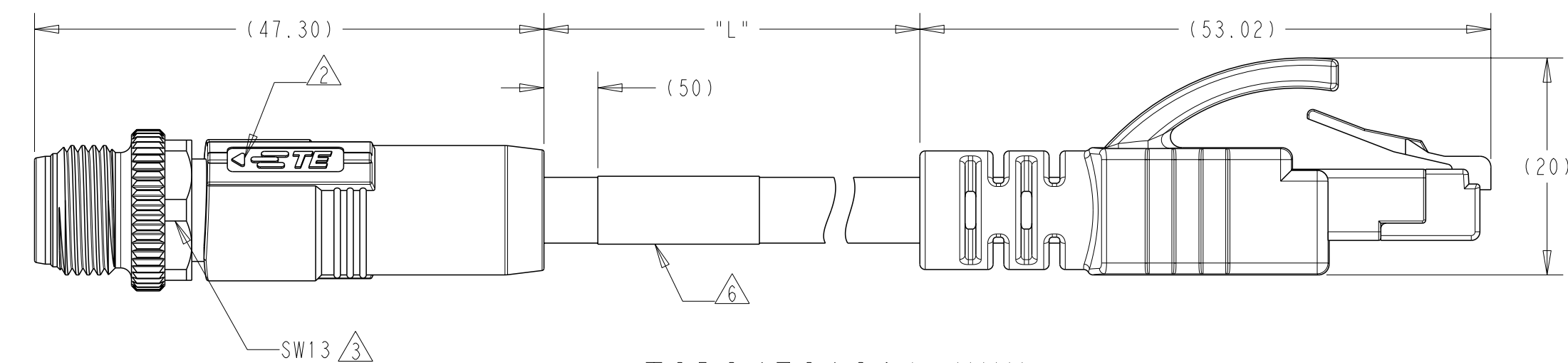


RJ45 PLUG

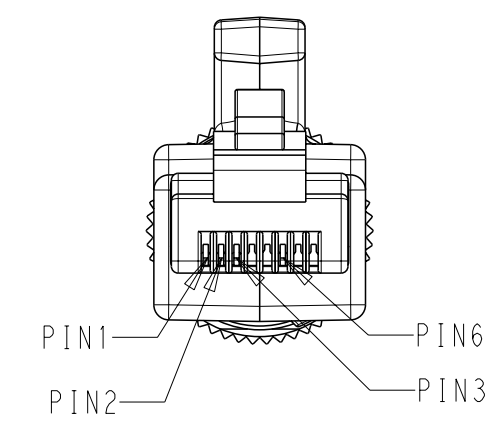
C



M12 D CODE, MALE PLUG

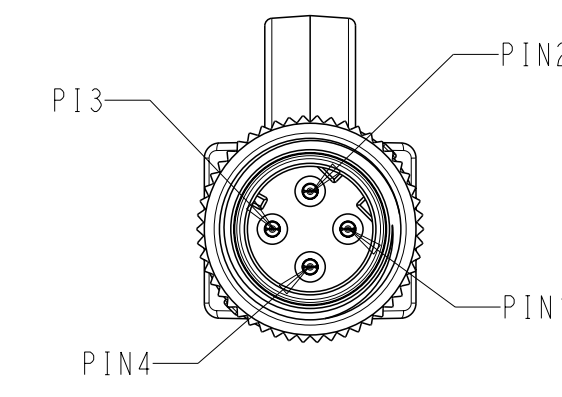


TCD2473A201-XXX

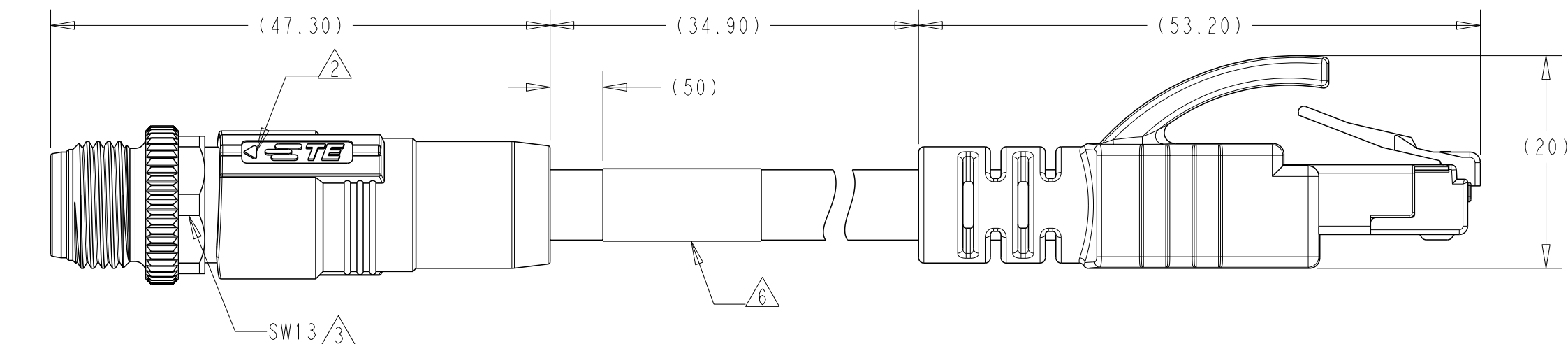


RJ45 PLUG

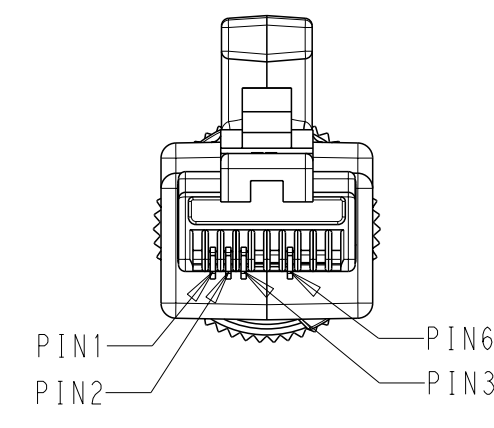
B



M12 D CODE, MALE PLUG



TCDI4745101-XXX
TCDI4741111-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. LABEL 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.

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

MATERIAL	-
	-

DWN	22SEP2020
CHK	FENCER YU
	CHRIS WANG
APVD	22SEP2020
	CHRIS WANG
PRODUCT SPEC	108-137541
APPLICATION SPEC	114-137144
WEIGHT	-
CUSTOMER DRAWING	

NAME			M12 D CODE STRAIGHT PLUG 4P TO RJ45 STRAIGHT PLUG		
SIZE			-		
CAGE CODE	DRAWING NO	RESTRICTED TO			
A2	00779	-			
SCALE		SHEET		REV	
2:1		1 OF 3		A3	

TE Connectivity

D

C

B

A

Printed on 14 Jun 2023 14:18 (China Standard Time) from T6086949

INDUSTRIAL ETHERNET CAT5E UNSHIELDED
TPE CABLE,TEAL:
WIRES:2PRX24AWG
WIRE COLOR:
PAIR1-WHITE/ORANGE
PAIR2-WHITE/GREEN
OD: APPROX.6.10MM
TEMPERATURE RATING:80°C UL
OPERATING TEMP RATING:
-40°C To +80°C

INDUSTRIAL ETHERNET CAT5E SHIELDED
TPE CABLE,TEAL:
WIRES:2PRX24AWG
WIRE COLOR:
PAIR1-WHITE/ORANGE
PAIR2-WHITE/GREEN
OD: APPROX.6.60MM
TEMPERATURE RATING:80°C UL
OPERATING TEMP RATING:
-40°C To +80°C

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

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

CABLE
CHARACTERISTIC

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(<1M)
(-993:0.3M)
-XXX:XX.XM(>1M)
(-155:15.5M)

TOLERANCE:
0~1M:±0.05M
1~3M:±0.1M
>3M:±1.5%

LENGTH "L"

M12D4-MS-RJ-TPE-24UNSH-TEAL-**
M12D4-MS-RJ-TPE-24SH-TEAL-**
M12D4-MS-RJ-PVC-22SH-TYPE B GREEN-**
M12D4-MS-RJ-PUR-22SH-TYPE C GREEN-**

TYPE

TCD2473A201-XXX
TCD1473A201-XXX
TCD14741111-XXX
TCD14745101-XXX

TABLE 2
TE PN

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

-	-	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

NOTES
备注

MATERIAL
材质

DESCRIPTION
描述

ITEM
序号

TCD14745101-XXX

TCD14741111-XXX

TCD1473A201-XXX

TCD2473A201-XXX

1

2

4

3

5

7

11

10

8

6

9

CIRCUIT DIAGRAM

M12

RJ45

TD+ 1

TD- 3

RD+ 2

RD- 4

YELLOW

ORANGE

WHITE

BLUE

SHIELD

CIRCUIT DIAGRAM

M12

RJ45

TD+ 1

TD- 3

RD+ 2

RD- 4

WHOG

ORANGE

WHGN

GREEN

SHIELD

CIRCUIT DIAGRAM

M12

RJ45

TD+ 1

TD- 3

RD+ 2

RD- 4

WHOG

ORANGE

WHGN

GREEN

TABLE 1
TECHNICAL DATA

RATED VOLTAGE	150V 30V(UL)
RATED CURRENT	1.5A 0.5A(UL)
POLLUTION DEGREE	3
OVERVOLTAGE CATEGORY	II
MATERIAL GROUP	II
INSULATION RESISTANCE	100MΩ
DEGREE OF PROTECTION(M12)	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 ±:
FINISH

DWN
FENCER YU
22SEP2020

CHK
CHRIS WANG
22SEP2020

APVD
CHRIS WANG
22SEP2020

PRODUCT SPEC
108-137541

APPLICATION SPEC
114-137144

WEIGHT
-

CUSTOMER DRAWING

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

SIZE
A2

CAGE CODE
00779

DRAWING NO
TCDX47XXXX1XXX

RESTRICTED TO
-

SCALE
2:1

SHEET
2 OF 3

REV
A3

1471-9 (3/13)

4

3

2

1

© 2020 TE Connectivity. All Rights Reserved.

PRODUCT CODE:

T C D 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--MI2 TO RJ PLUG

No.1: T--TE BRAND

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

TE

TE Connectivity

M12 D CODE STRAIGHT PLUG 4P TO RJ45 STRAIGHT PLUG

-

SIZECAGE CODEDRAWING NORESTRICTED TO

A200779CTCDX47XXXX1XXX-

CUSTOMER DRAWINGSCALE2:1SHEET3 OF 3REV A3

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWNCHECKAPVD

22SEP202022SEP202022SEP2020

FENCER YUCHRIS WANGCHRIS WANG

DIMENSIONS:mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC±-1 PLC±-2 PLC±-3 PLC±-4 PLC±-ANGLES±-FINISH-

MATERIAL-

PRODUCT SPEC108-137541APPLICATION SPEC114-137144WEIGHT-CUSTOMER DRAWING

1471-9 (3/13)