

4

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1

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RELEASED FOR PUBLICATION

SEP .2005.

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LOC

DIST

REVISIONS

変更

P

LTR

DESCRIPTION

DATE

DWN

APVD

S

REVISED PER ECR-15-016490

11NOV2015

T.Z

H.W

1 CONTACT COPLANALITY IS 0.1 MAX.

2 THIS DIMENSION MEANS CENTER OF THE POCKET.

3 M3 TAPPING + BVTP RECOMMENDED TORQUE: 68.6N (7Kgf) MAX.

4 FINISH

CONTACT: V μm MIN. Au PL. ON CONTACT AREA (V: SEE TABLE)

0.03~0.1 μm Au PL. ON TERMINAL AREA

Ni UNDER PL. ALL OVER

SHELL: Sn PL. (MATTE) ALL OVER

Ni UNDER PL. ALL OVER

5 SCREW SIZE

6 QTY PRINT ON THE LABEL. (EMBOSS PACKING)

1 コンタクトコプラナリティーは 0.1 以下。

2 本寸法はポケットの中心を表す。

3 M3 TAPPING + BVTP 推奨トルク: 68.6N (7Kgf) 以下。

4 仕上

コンタクト: コンタクトエリアに V μm 以上の 金めっき (V: 表参照)

ターミナルエリアに 0.03~0.1 μm の金めっき

ニッケル下地めっきを施す

シェル: すずめっき (つや消し)

ニッケル下地めっきを施す

5 スクリューサイズ

6 数量はラベルに印字される (EMBOSS 梱包)

0.3	-	6 70	1.9	-	-	-	-	33.5	37.5	9.32	0.4	32	28.4	14.2	16	WITHOUT TAPE	WITHOUT FLANGE	THROUGH HOLE	(SEE SHEET 2)	SOFT TRAY (SEE SHEET 11)	6-1903015-3			
0.76	M3 x 0.5	70	1.9	46	138	6-23	46	-	-	-	-	-	-	-	-	WITH TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 7)	9-1903015-4			
0.3	M3 x 0.5	6 200	1.9	-	-	-	-	45.5	49.5	18.3	0.5	44	40.4	20.2	20	WITH TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	EMBOSS (SEE SHEET 6)	9-1903015-3			
0.3	M3 x 0.5	70	1.9	-	-	-	-	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 10)	8-1903015-4			
0.1	-	6 550	1.9	-	-	-	-	33.5	37.5	9.32	0.4	32	28.4	14.2	16	WITHOUT TAPE	WITHOUT FLANGE	THROUGH HOLE	(SEE SHEET 2)	EMBOSS (SEE SHEET 6)	7-1903015-1			
0.3	M3 x 0.5	6 200	1.9	-	-	-	-	45.5	49.5	18.3	0.5	44	40.4	20.2	20	WITHOUT TAPE	WITH FLANGE	FULL SMT	(SEE SHEET 5)	EMBOSS (SEE SHEET 6)	5-1903015-9			
0.3	-	6 550	0.8	-	-	-	-	33.5	37.5	9.32	0.4	32	28.4	14.2	16	WITHOUT TAPE	WITHOUT FLANGE	THROUGH HOLE	(SEE SHEET 2)	EMBOSS (SEE SHEET 6)	5-1903015-5			
0.3	M3 x 0.5	70	1.9	46	138	6-23	46	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 7)	5-1903015-4			
0.3	M3 x 0.5	6 200	1.9	-	-	-	-	45.5	49.5	18.3	0.5	44	40.4	20.2	20	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	EMBOSS (SEE SHEET 6)	5-1903015-3			
-0.3	3 ø2.65±0.3	70	1.9	46	138	6-23	46	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 7)	5-1903015-2			
0.3	-	6 400	1.9	-	-	-	-	33.5	37.5	9.32	0.4	32	28.4	14.2	16	WITHOUT TAPE	WITHOUT FLANGE	THROUGH HOLE	(SEE SHEET 2)	EMBOSS (SEE SHEET 6)	5-1903015-1			
0.3	M3 x 0.5	70	1.0	46	138	6-23	46	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 7)	4-1903015-1			
0.76	-	6 400	1.2	-	-	-	-	33.5	37.5	9.32	0.4	32	28.4	14.2	16	WITHOUT TAPE	WITHOUT FLANGE	THROUGH HOLE	(SEE SHEET 2)	EMBOSS (SEE SHEET 6)	2-1903015-2			
0.76	M3 x 0.5	70	1.9	-	-	-	-	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 9)	1903015-8			
0.76	3 ø2.65±0.3	70	1.9	-	-	-	-	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 9)	1903015-7			
0.76	M3 x 0.5	50	1.9	54.4	120	4-30	54.4	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 9)	1903015-5			
0.76	M3 x 0.5	70	1.9	46	138	6-23	46	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 4)	SOFT TRAY (SEE SHEET 8)	1903015-4			
0.76	M3 x 0.5	6 200	1.9	-	-	-	-	45.5	49.5	18.3	0.5	44	40.4	20.2	20	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 4)	EMBOSS (SEE SHEET 6)	1903015-3			
0.76	3 ø2.65±0.3	70	1.9	46	138	6-23	46	-	-	-	-	-	-	-	-	WITHOUT TAPE	WITH FLANGE	THROUGH HOLE	(SEE SHEET 3)	SOFT TRAY (SEE SHEET 7)	1903015-2			
0.76	-	6 400	1.9	-	-	-	-	33.5	37.5	9.32	0.4	32	28.4	14.2	16	WITHOUT TAPE	WITHOUT FLANGE	THROUGH HOLE	(SEE SHEET 2)	EMBOSS (SEE SHEET 6)	1903015-1			
V	U	T	AA	S	R	P	N	M	L	K	J	H	G	F	E	POLYIMIDE TAPE	FLANGE	SHELL TYPE	CONNECTOR	PACKING	PART NUMBER			
4 Au PL.	5 SCREW SIZE	QTY	DIMENSION													PART LIST								

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: 耗
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH
仕上

MATERIAL
材料

DWN
R.MURAYAMA
26SEP2005

CHK
T.KIMURA
26SEP2005

APVD
T.KIMURA
26SEP2005

PRODUCT SPEC
製品規格
108-78180-2

APPLICATION SPEC
取付適用規格

WEIGHT

CUSTOMER DRAWING

TE Connectivity

HDMI 19 POS RECEPTACLE ASSY
SMT SHORT TYPE

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO

A3

00779

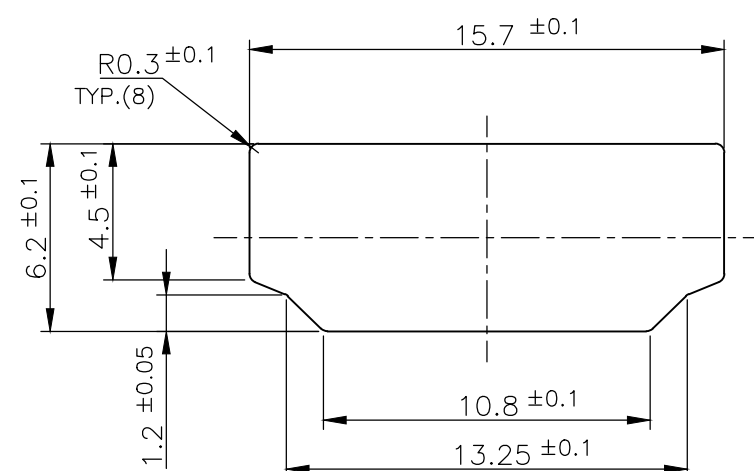
C-1903015

SCALE
尺度 4:1

SHEET
1 OF 12

REV
S

1470-19 (3/11)

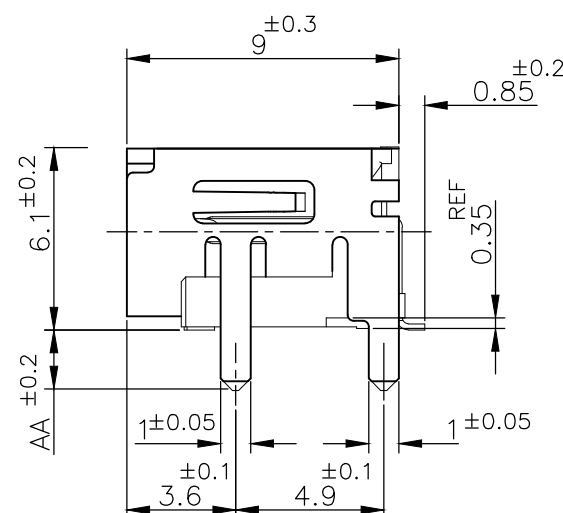
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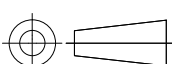
MECHANICAL DRAWING OF A CONNECTOR FRONT SURFACE. The drawing includes the following dimensions and features:

- Overall Dimensions:**
 - Top: 8.5 REF, 7.5 MAX, 4.9 ± 0.05, 0.05 ± 0.05, 1.9, 1.9 ± 0.05, 7.55 REF, 9.45 REF.
 - Bottom: 4-Ø1.9 (LAND, BOTH SIDE), 4-Ø1.3 (T/H), 14.5 ± 0.05, 15.7 ± 0.05.
- Feature Callouts:**
 - #19 (Pin 19)
 - #1 (Pin 1)
 - 3 REF (Reference for pin 3)
 - 9 (Pin 9)
 - 0.3 ± 0.03 (Dimension for pin 3)
 - 4.75 (Dimension for pin 9)
 - 2.5 REF (Reference for pin 2.5)
 - 0.5 (Dimension for pin 5)
 - Ø 0.06 X 1 TYP. (19) (Dimension for pin 19)
 - Ø 0.08 X 1 (Dimension for pin 8)
 - X1- (Feature callout)
- Surface and Edge Labels:**
 - CONNECTOR FRONT SURFACE
 - PCB EDGE

Technical drawing of the front view of a rectangular metal component. The drawing includes the following dimensions and callouts:

- Overall width: 15.7
- Overall height: 14.5
- Top flange thickness: 0.5 ± 0.05
- Internal cavity height: 3.3 ± 0.25
- Callout #19 points to the top flange.
- Callout #18 points to the bottom flange.
- Callout #1 points to the top right corner.
- Callout #2 points to the bottom right corner.
- Callout 1 (circled) points to the bottom right corner.
- Callout 2 (circled) points to the bottom right corner.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		 TE Connectivity	
DIMENSIONS: 單位: 耗 mm		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD		NAME 名稱	
		PRODUCT SPEC 製品規格		HDMI 19 POS RECEPTACLE ASSY SMT SHORT TYPE	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APPLICATION SPEC 取付適用規格		SIZE	
MATERIAL 材料		WEIGHT		CAGE CODE	
FINISH 仕上		CUSTOMER DRAWING		DRAWING NO 番号	
				A3 00779 G-1903015	
				RESTRICTED —	
				SCALE 尺度	
				4:1	
				SHEET	
				2 OF 12	
				REV	
				S	

4

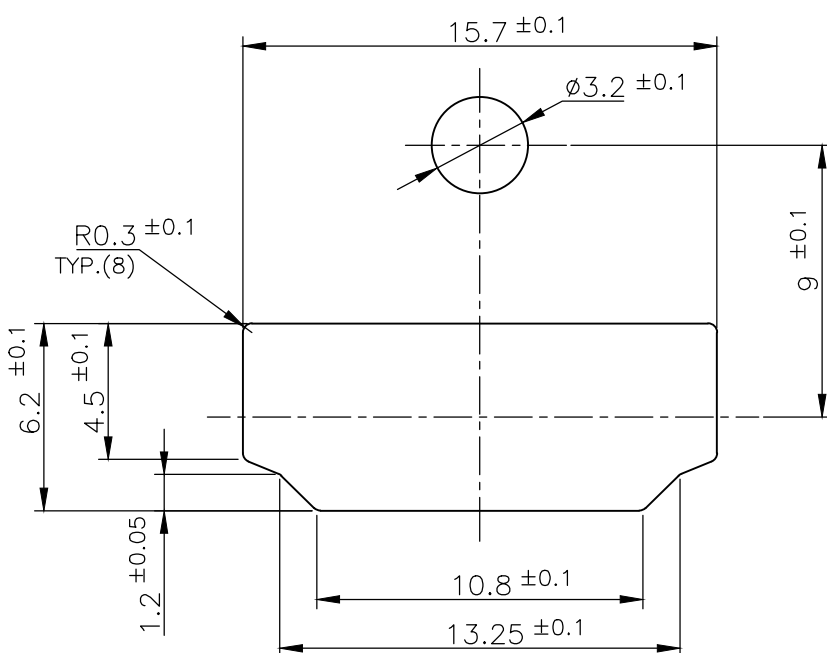
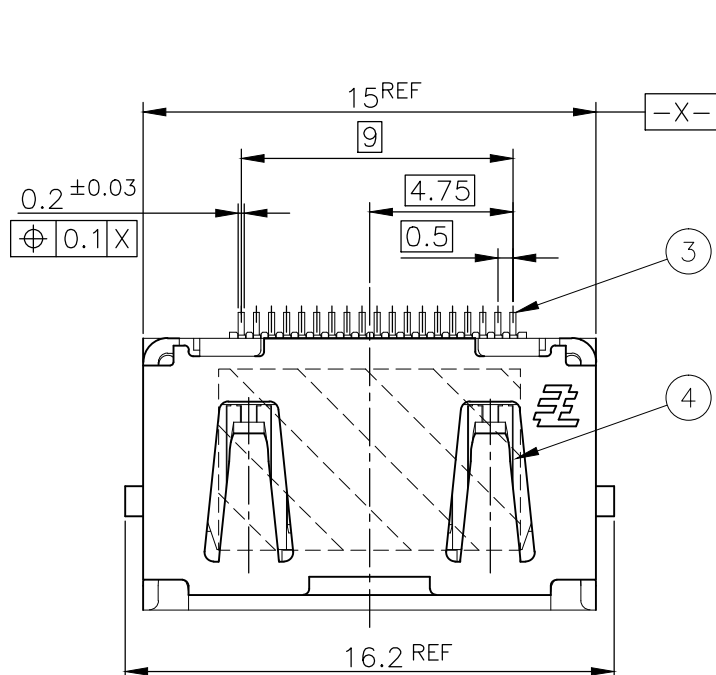
3

2

1

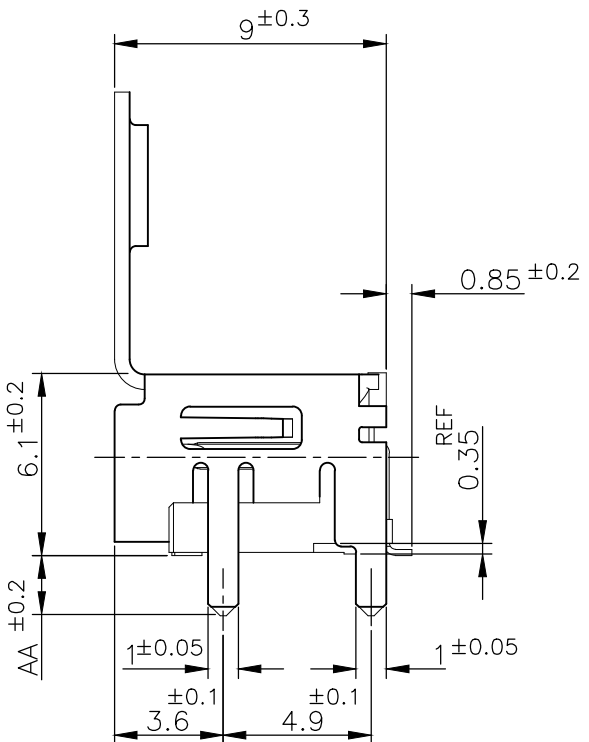
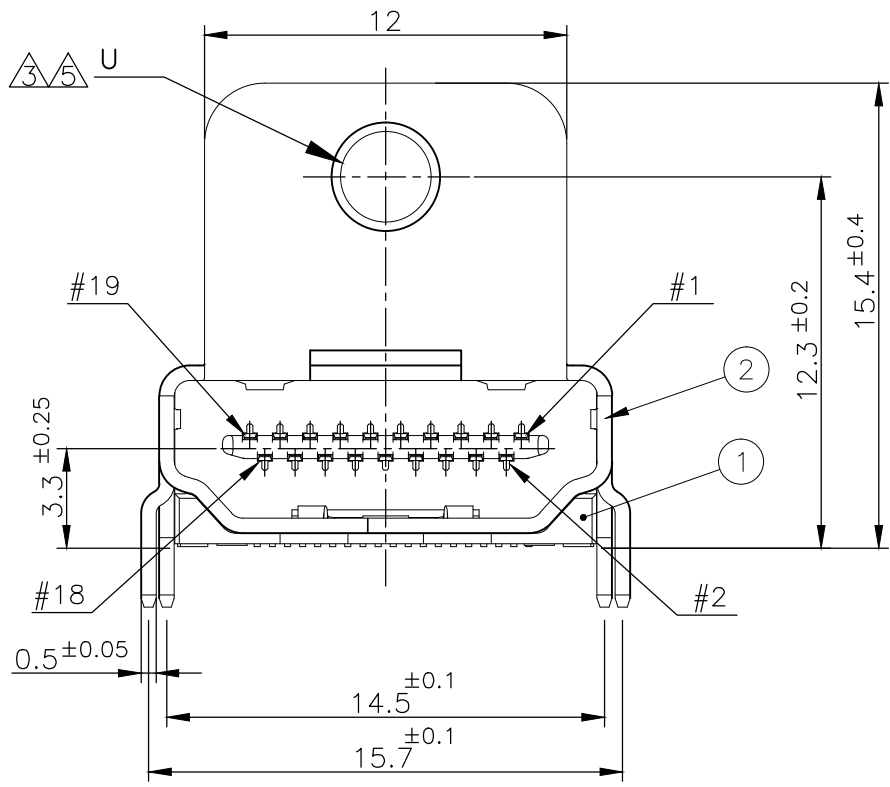
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		P	LTR	DESCRIPTION	DATE
—	—	—	—	SEE SHEET 1	—

D

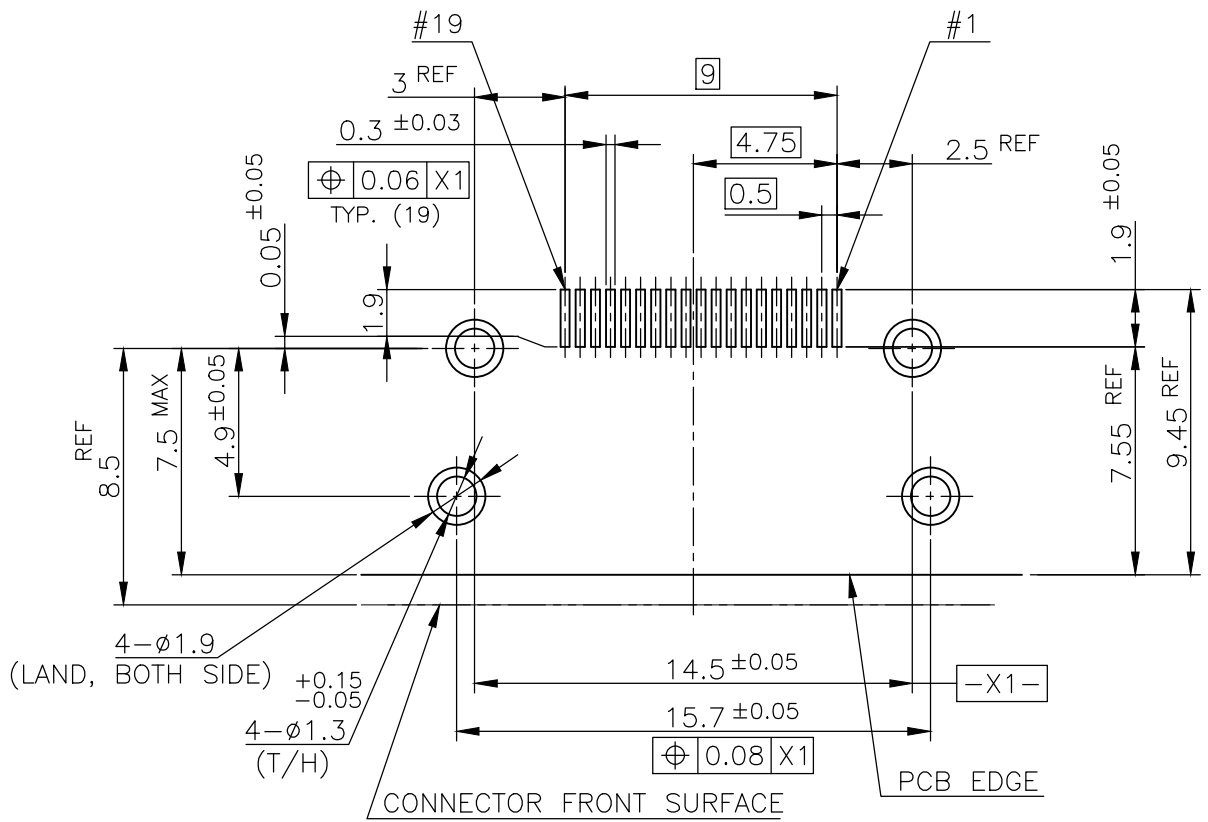


PANEL CUT OUT DIMENSION (REFERENCE)

C

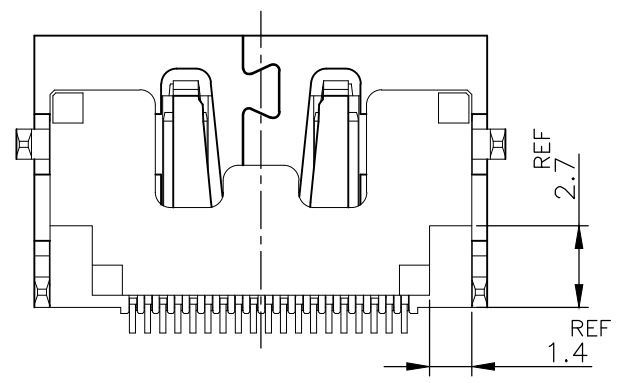


B



P.C.B LAYOUT (REFERENCE)
SHOWN AS CONNECTOR MOUNTING SIDE
TOLERANCE: NON-CUMULATIVE

A



CONNECTOR: WITH FLANGE THROUGH HOLE TYPE

POLYIMIDE	TAPE	④
BRASS	CONTACT	③
PHOSPHOR BRONZE	SHELL	②
GLASS FILLED LCP UL94V-0, BLACK COLOR	HOUSING	①
MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: 耗
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差

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

MATERIAL
材料

DWN

CHK

APVD

PRODUCT SPEC
製品規格

APPLICATION SPEC
取付適用規格

WEIGHT

CUSTOMER DRAWING

NAME
名称

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO

TE Connectivity

HDMI 19 POS RECEPTACLE ASSY
SMT SHORT TYPE

A300779

C-1903015

SCALE
尺度 4:1

SHEET
3 OF 12

REV
S

4

3

2

1

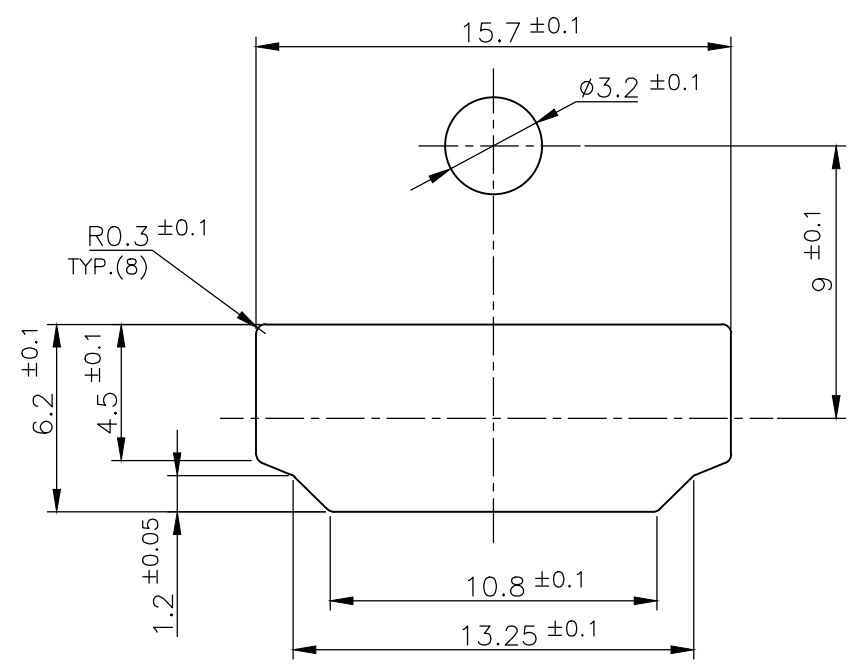
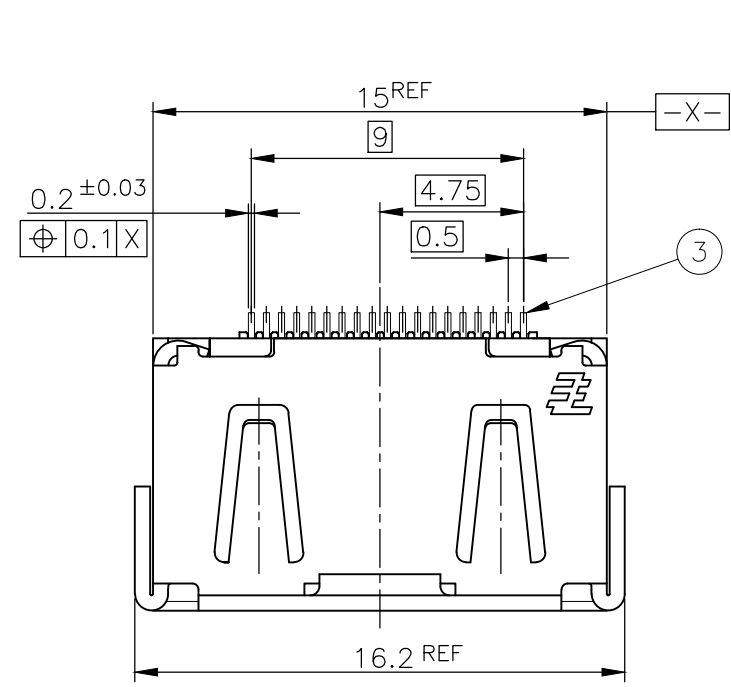
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		P	LTR	DESCRIPTION	DATE
-	-	-	-	SEE SHEET 1	-

D

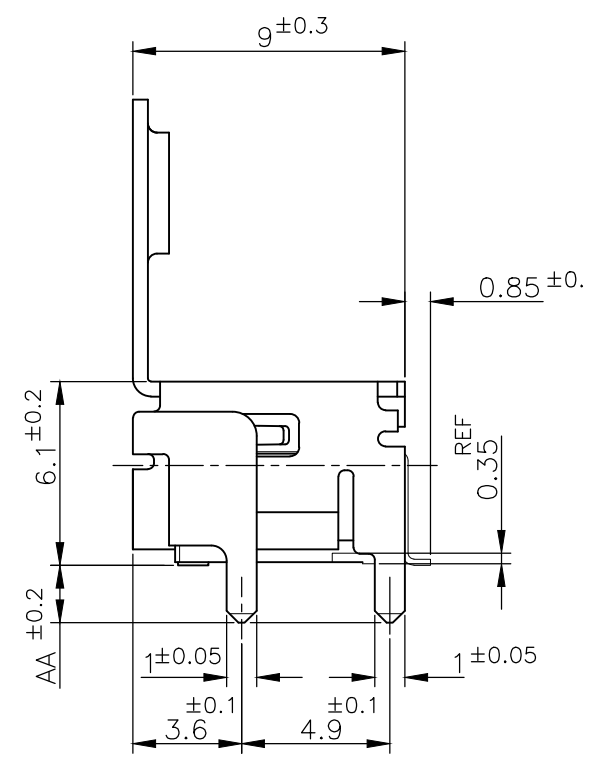
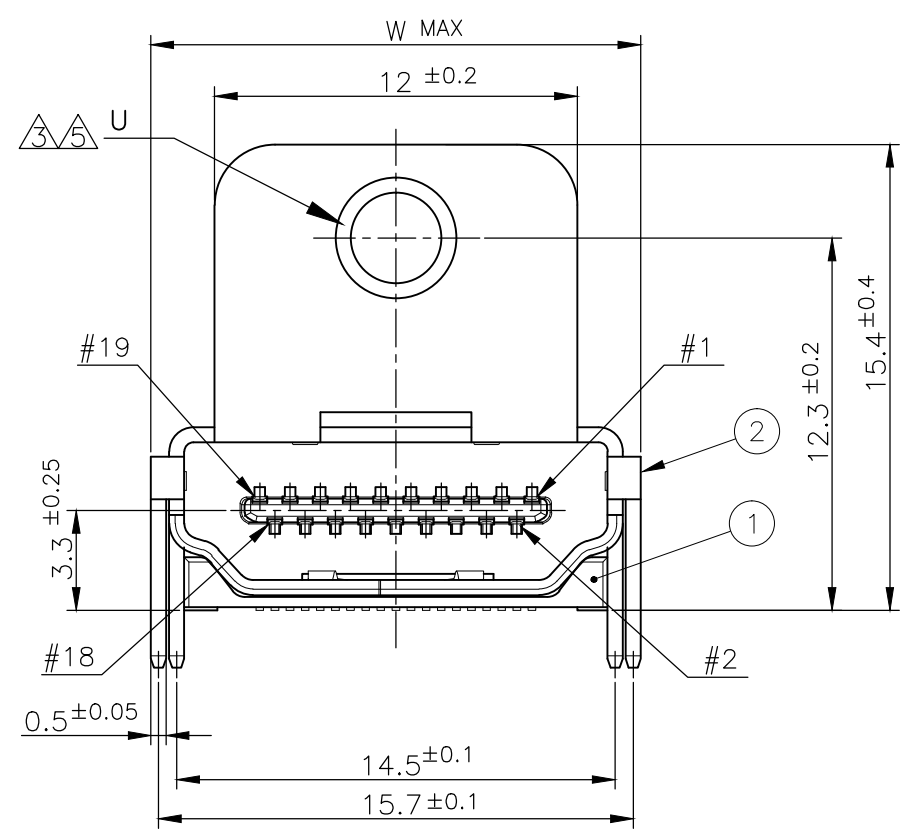
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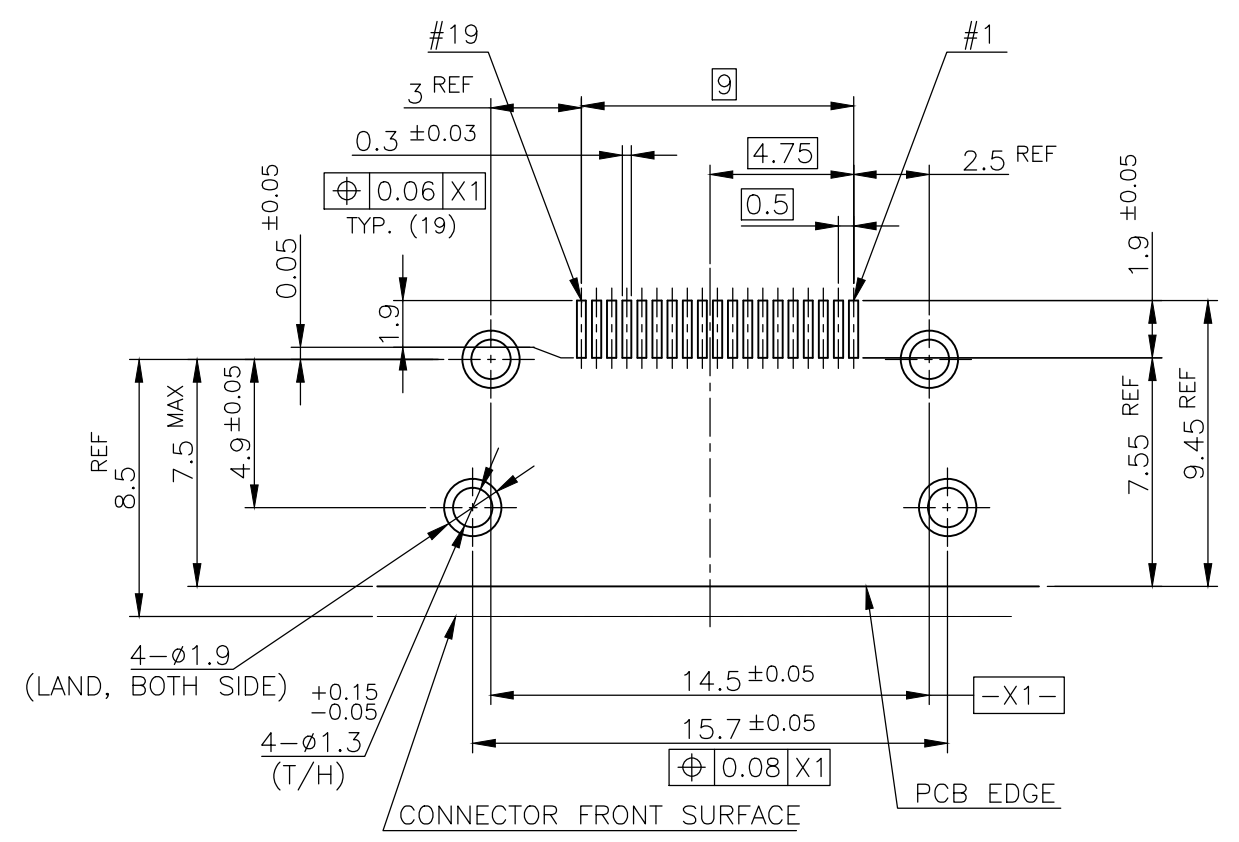
A



PANEL CUT OUT DIMENSION (REFERENCE)



CONNECTOR: WITH FLANGE THROUGH HOLE TYPE



P.C.B LAYOUT (REFERENCE)
SHOWN AS CONNECTOR MOUNTING SIDE
TOLERANCE: NON-CUMULATIVE

POLYIMIDE	TAPE	④
BRASS	CONTACT	③
PHOSPHOR BRONZE	SHELL	②
GLASS FILLED LCP UL94V-0, BLACK COLOR	HOUSING	①
MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: 単位: 毫米 mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差

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

MATERIAL 材料

DWN
CHK
APVD
PRODUCT SPEC 製品規格
APPLICATION SPEC 取付適用規格
WEIGHT

NAME 名称
HDMI 19 POS RECEPTACLE ASSY
SMT SHORT TYPE

SIZE
CAGE CODE
DRAWING NO
A300779
C-1903015

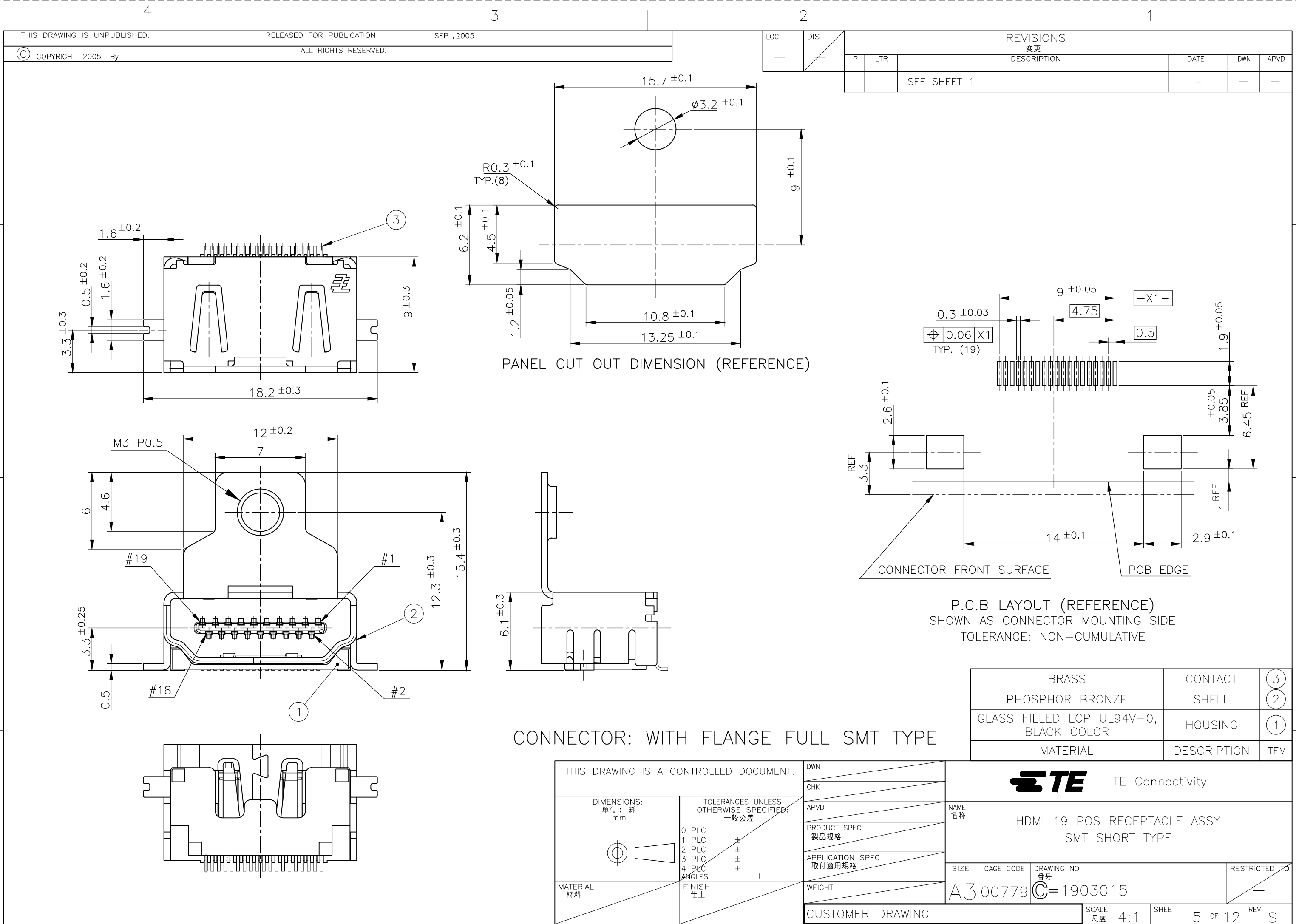
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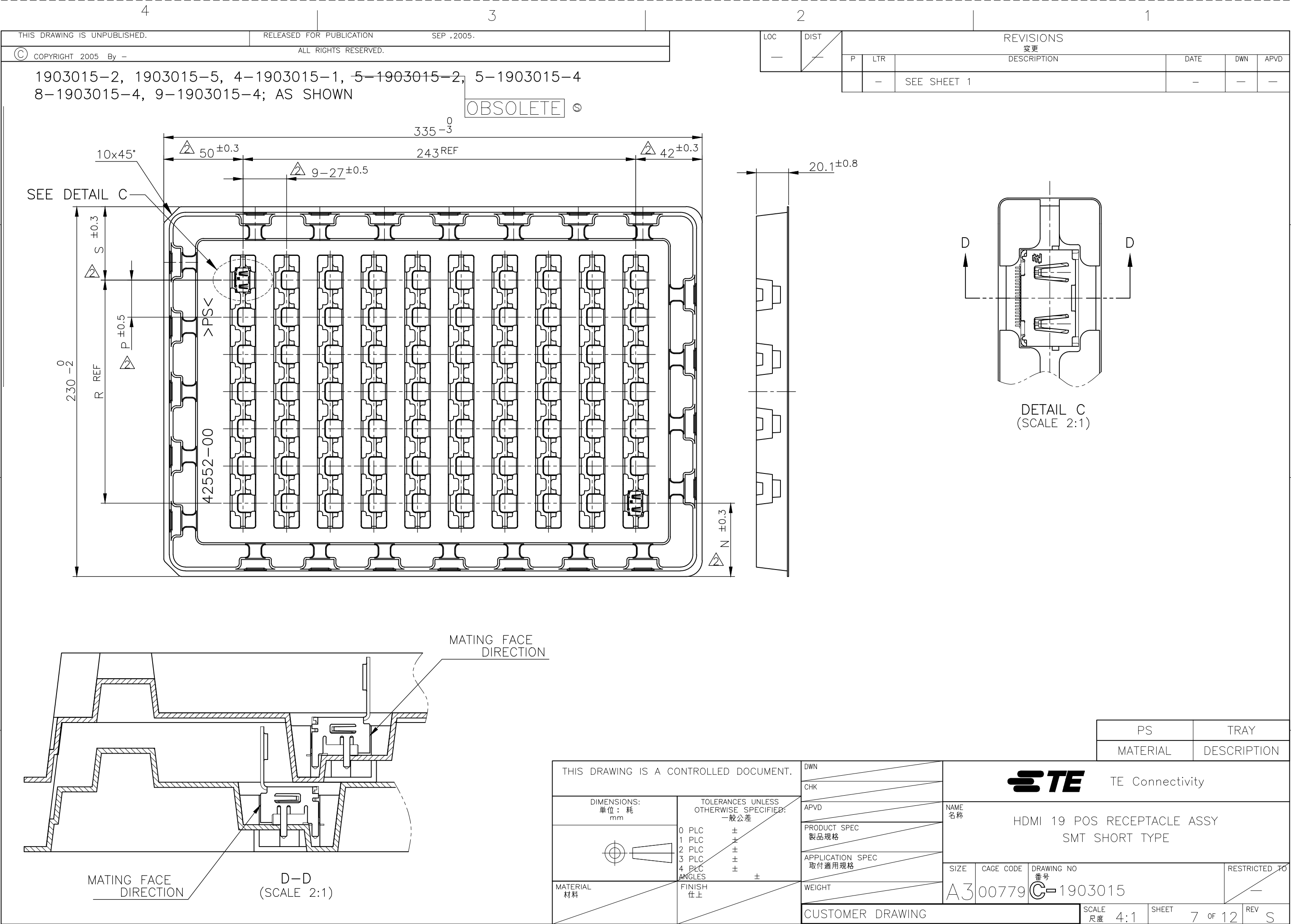
CUSTOMER DRAWING

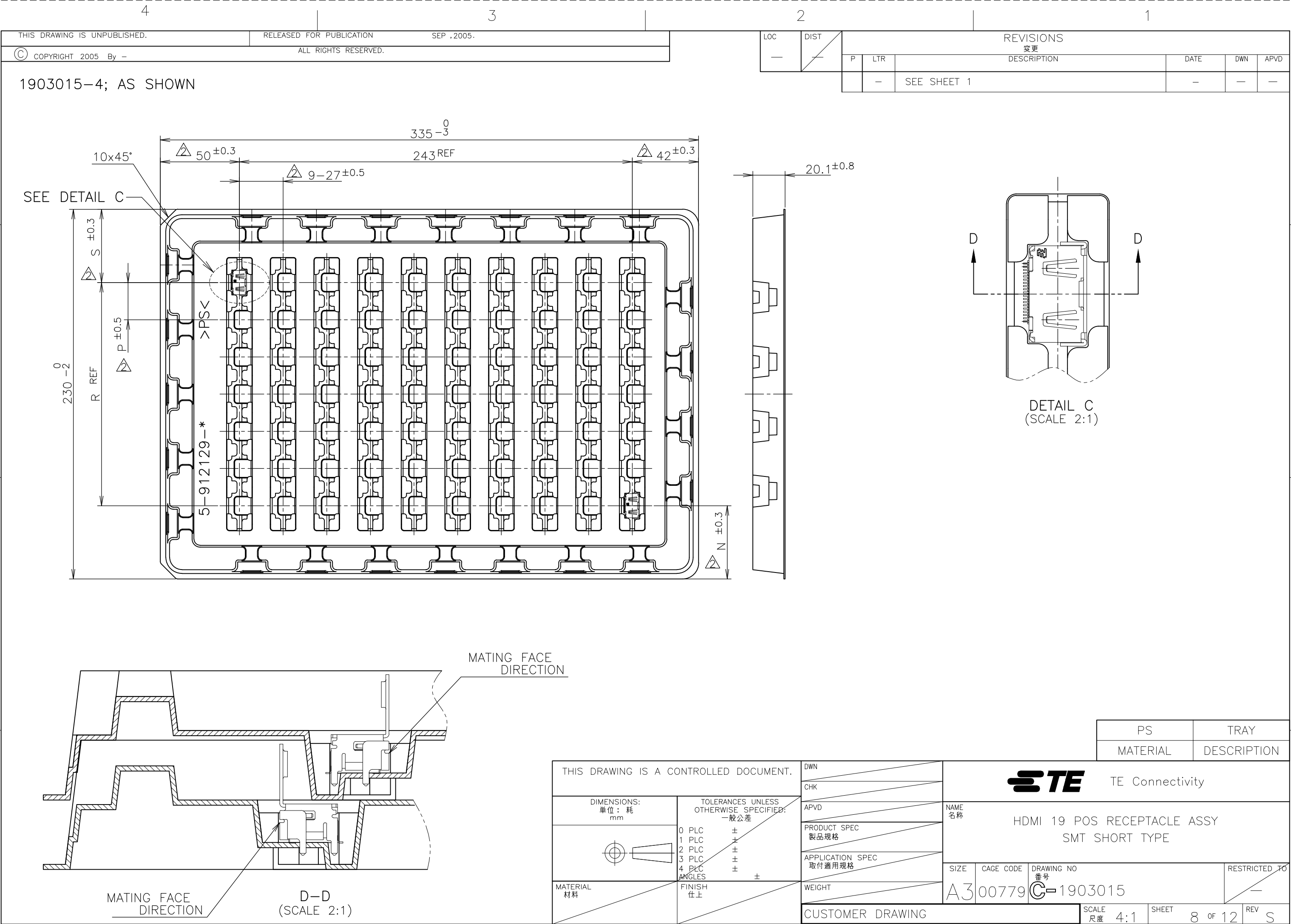
SCALE 尺度 4:1

SHEET 4 OF 12

REV S

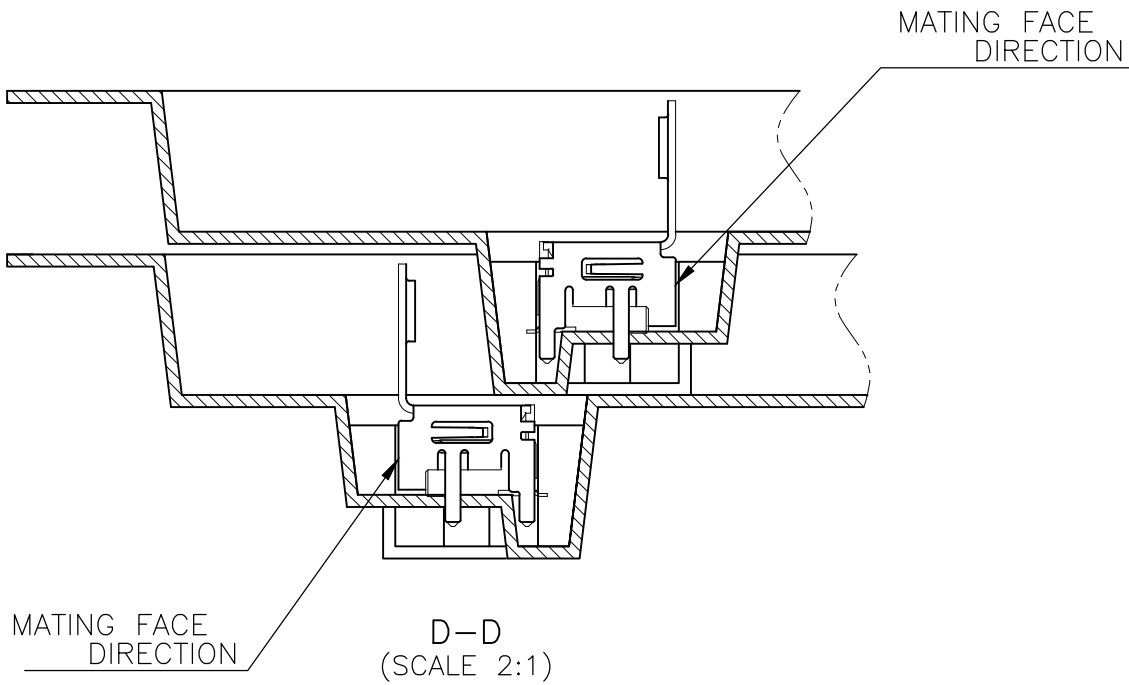
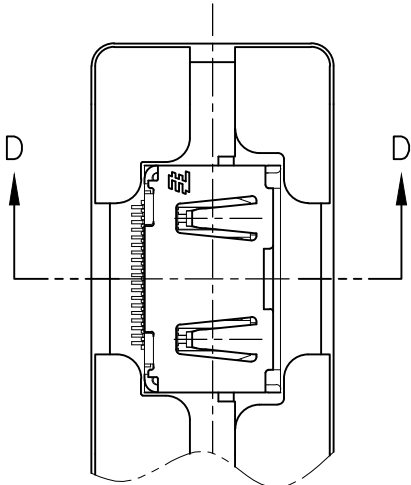
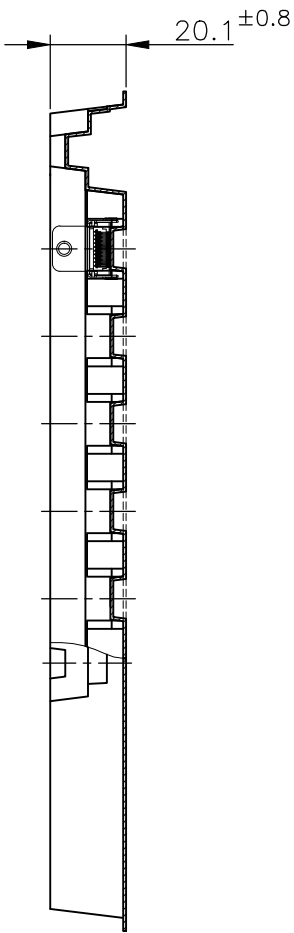
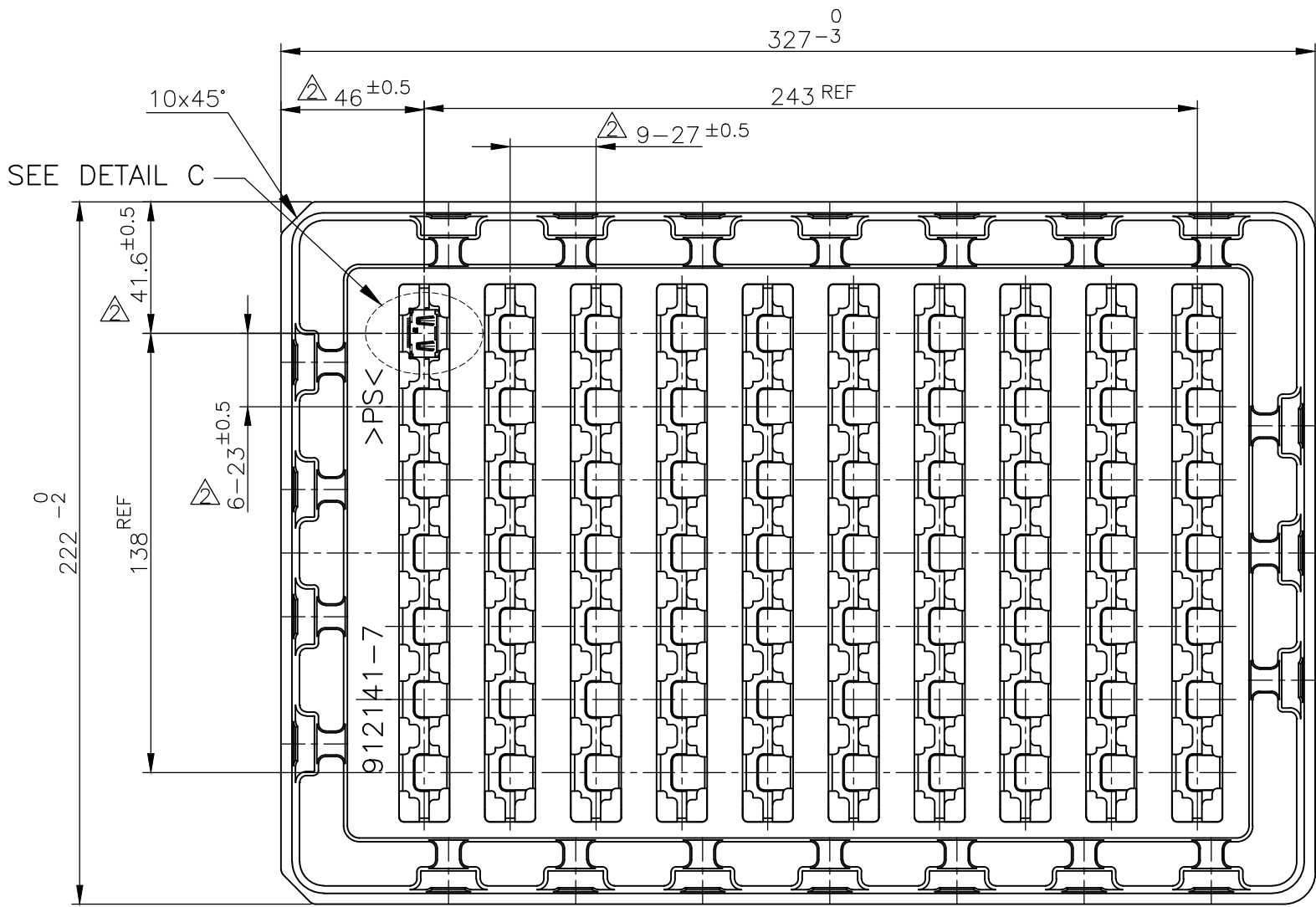


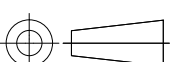




1903015-7, 1903015-8; AS SHOWN

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	APVD
-	-	-	-	SEE SHEET 1	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		 TE Connectivity			
		CHK					
DIMENSIONS: 単位： 耗 mm				NAME 名称			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差				HDMI 19 POS RECEPTACLE ASSY SMT SHORT TYPE			
0 PLC ±				PRODUCT SPEC 製品規格			
1 PLC ±				APPLICATION SPEC 取付適用規格			
2 PLC ±		WEIGHT		SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
3 PLC ±				A3	00779	C-1903015	—
4 PLC ±							
ANGLES ±							
FINISH 仕上							
MATERIAL 材料							
				</			

4

3

2

1

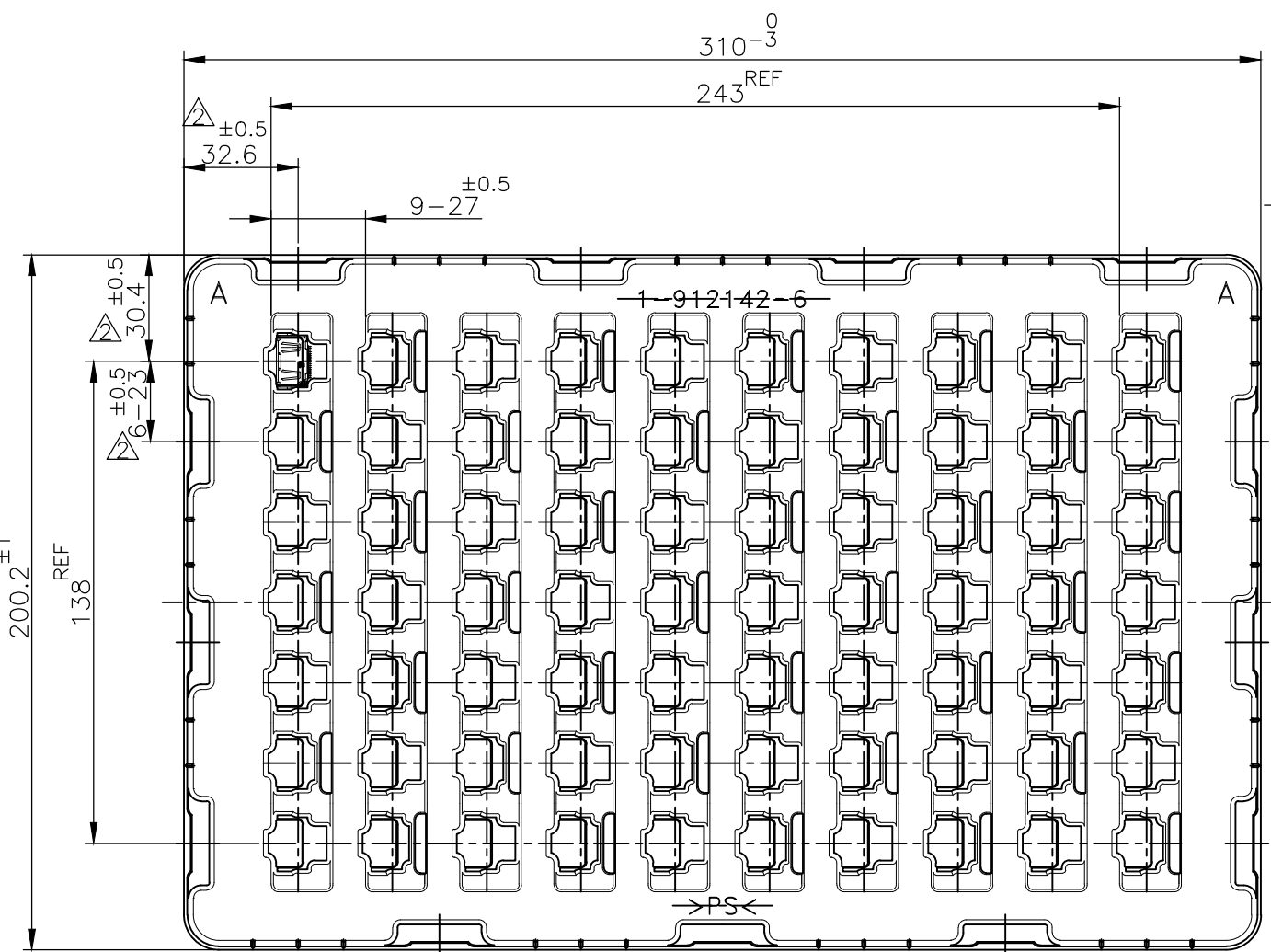
LOC	DIST	REVISIONS			
		P	LTR	DESCRIPTION	DATE
—	—	—	—	SEE SHEET 1	—

D

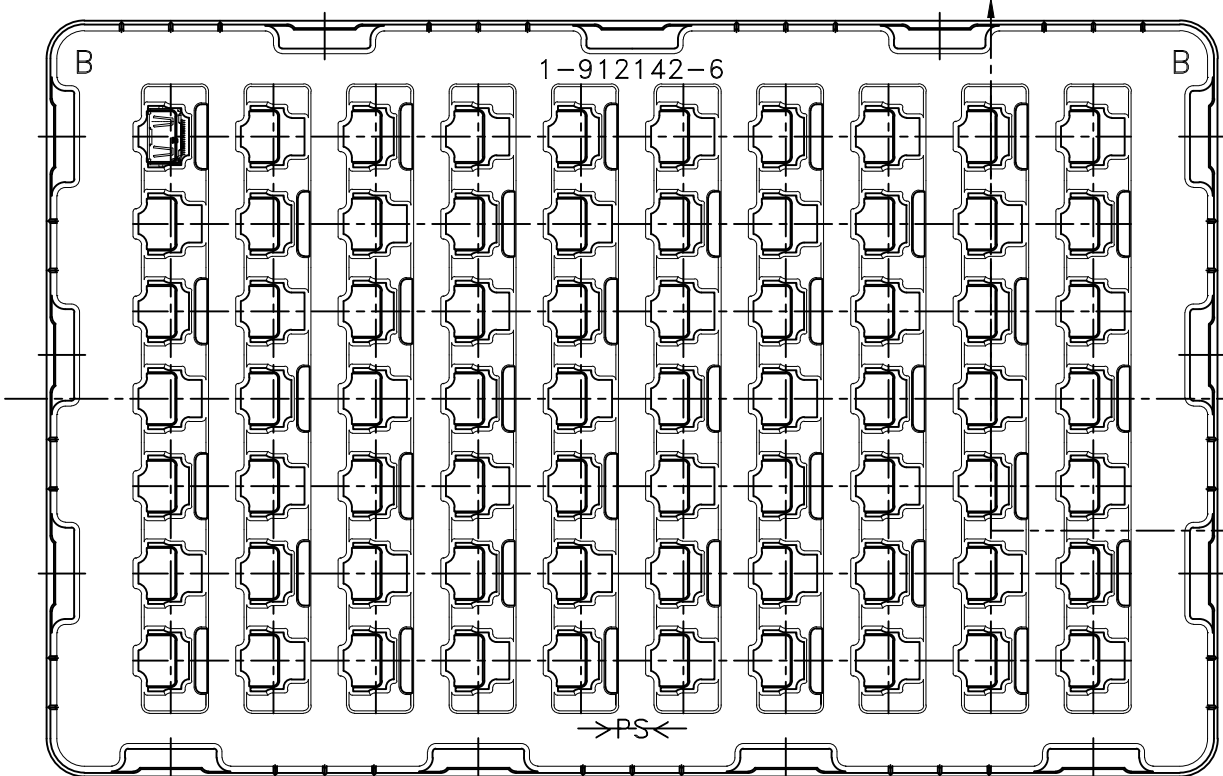
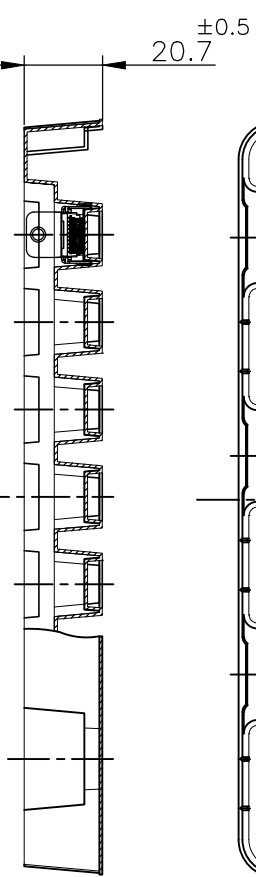
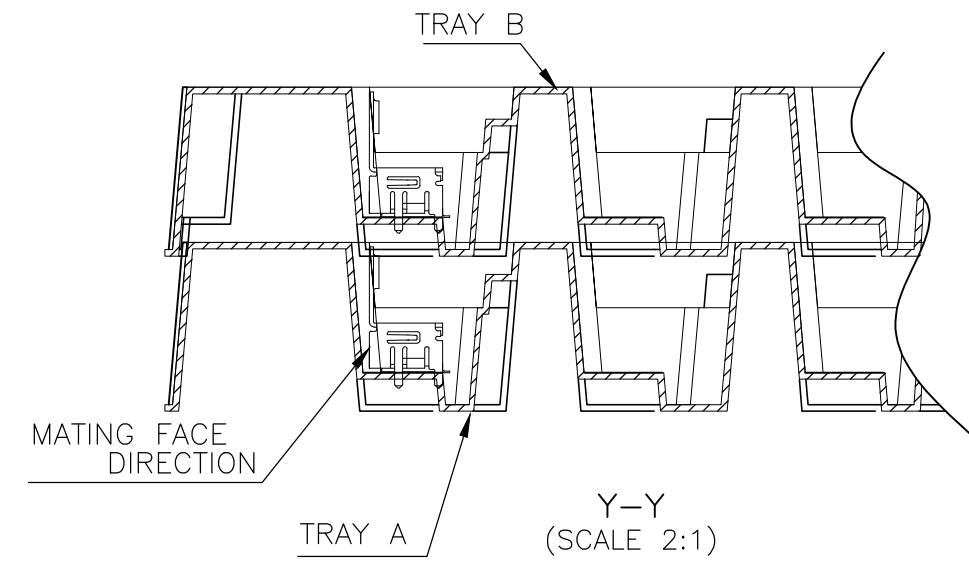
C

B

A

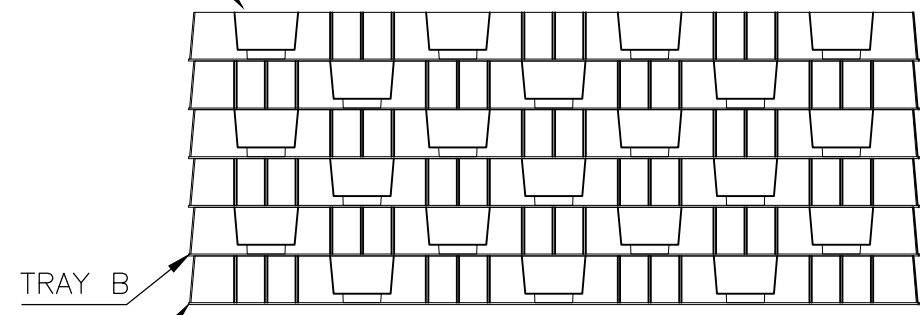


TRAY A



TRAY B

TRAY B (EMPTY)



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: 耗
mm

MATERIAL
材料

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差

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

DWN

CHK

APVD

PRODUCT SPEC
製品規格

APPLICATION SPEC
取付適用規格

WEIGHT

CUSTOMER DRAWING

NAME
名称

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO

TE Connectivity

HDMI 19 POS RECEPTACLE ASSY
SMT SHORT TYPE

A300779

C-1903015

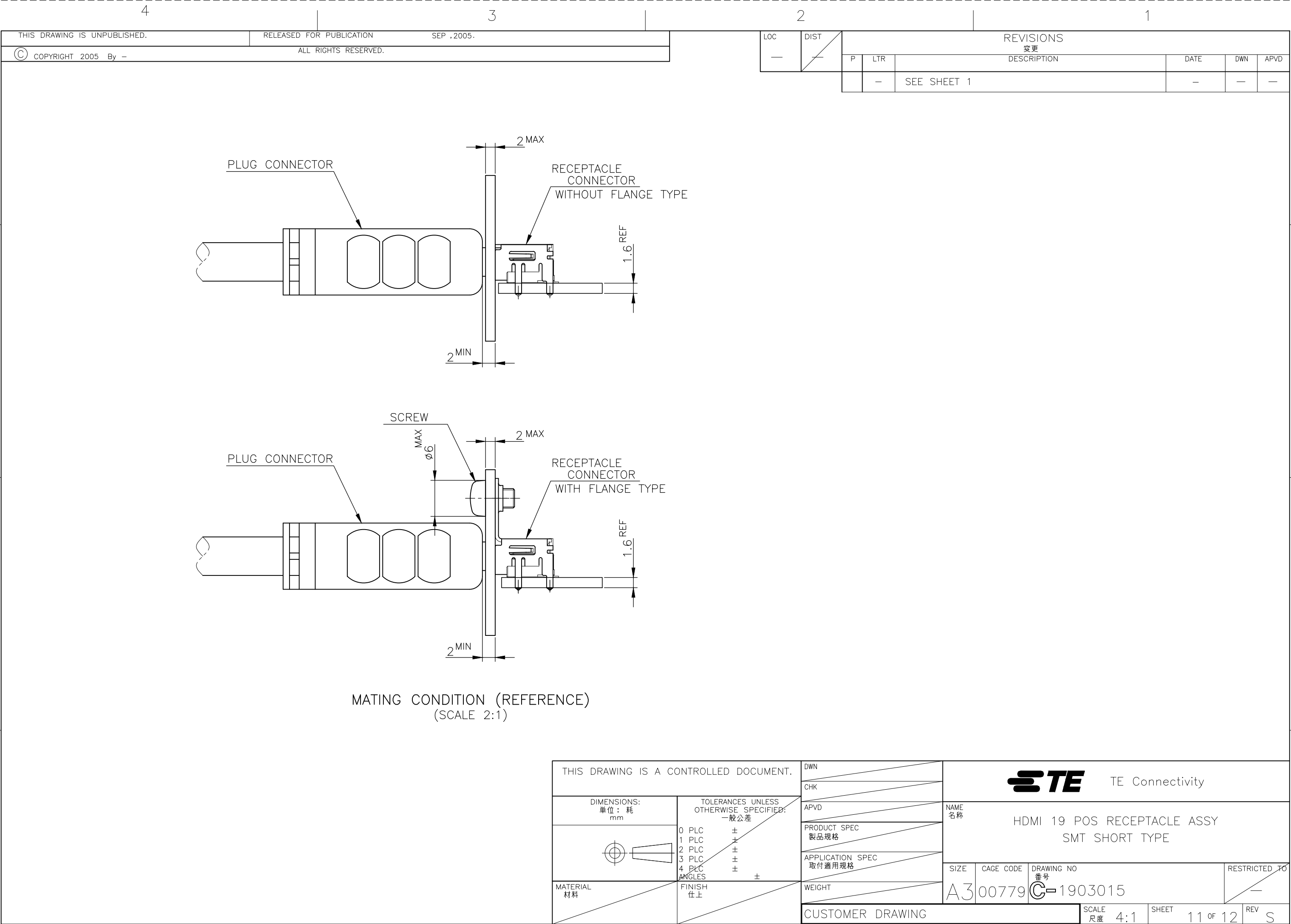
SCALE
尺度 4:1

SHEET
10 OF 12

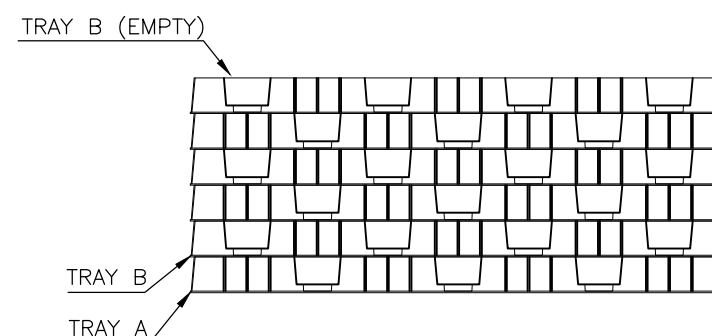
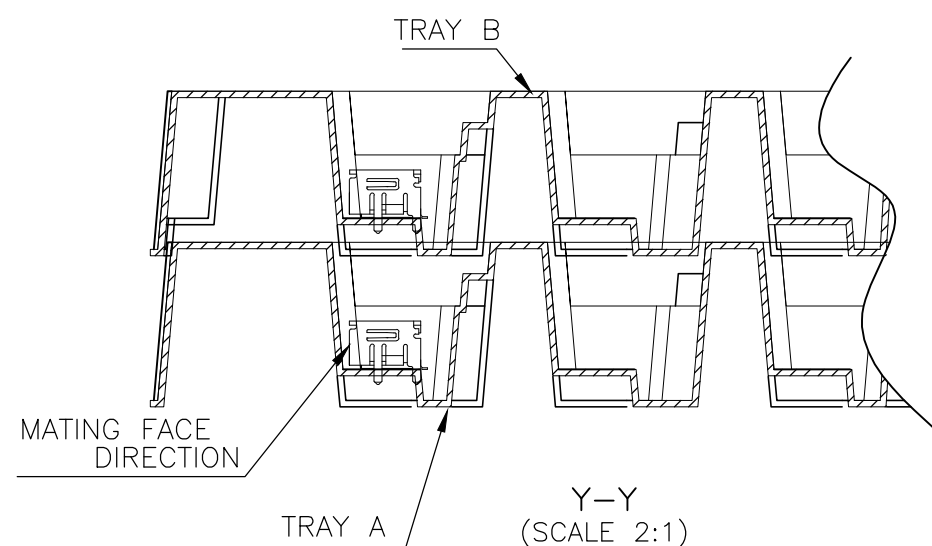
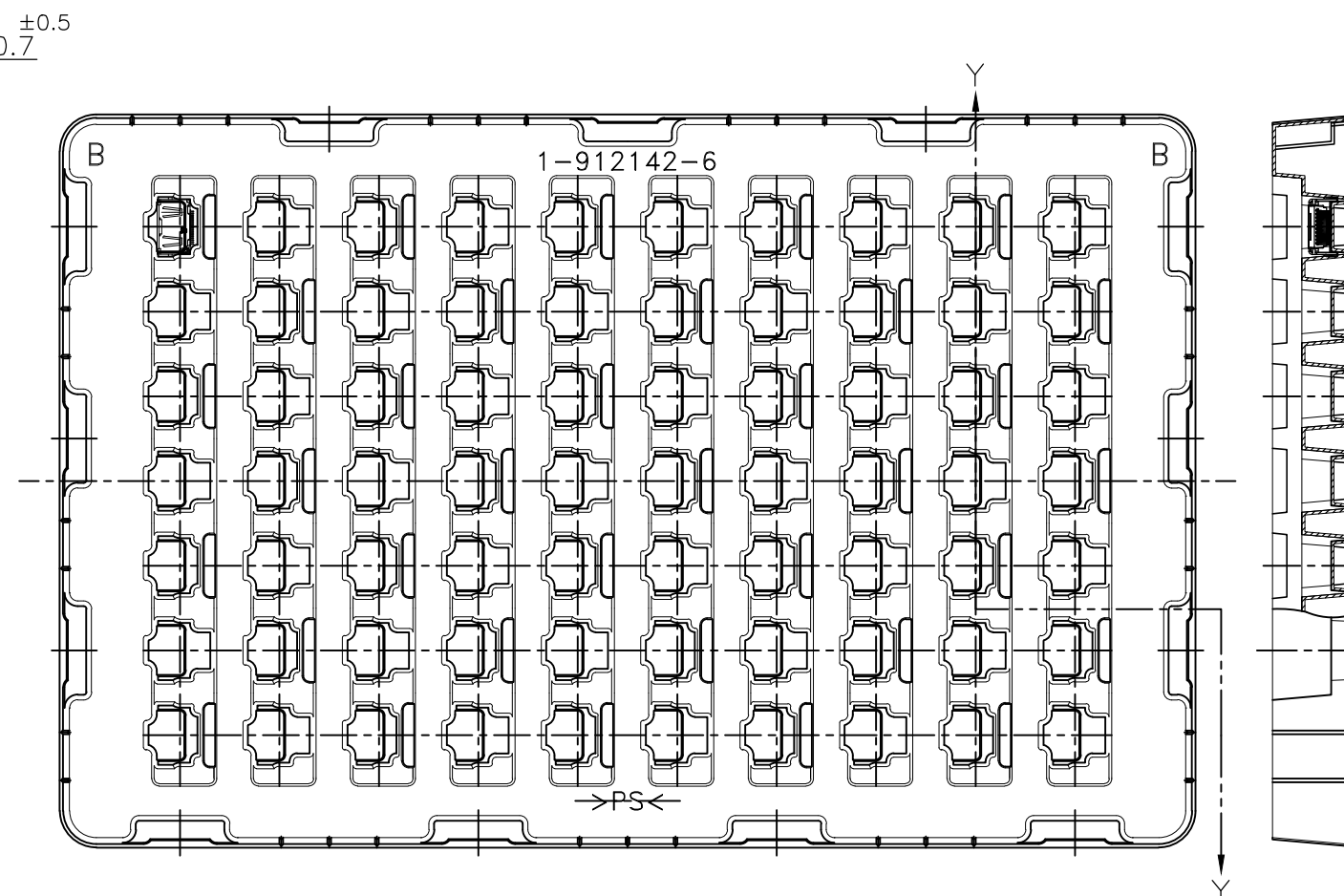
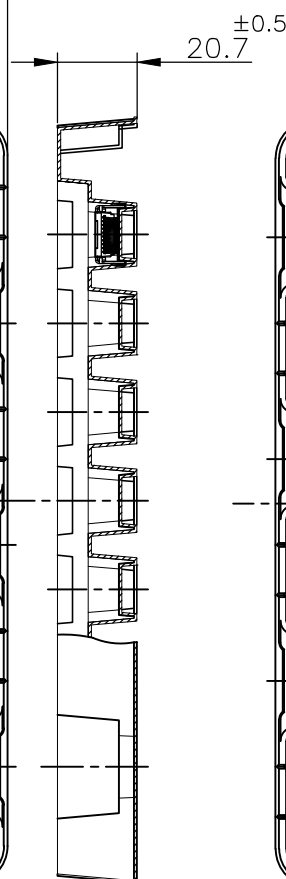
REV
S

PS	TRAY
MATERIAL	DESCRIPTION

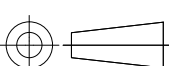
8-1903015-4; AS SHOWN



P/N:6-1903015-3



PS	TRAY
MATERIAL	DESCRIPTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		 TE Connectivity	
DIMENSIONS: 単位: 耗 mm		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD		NAME 名称 HDMI 19 POS RECEPTACLE ASSY SMT SHORT TYPE	
		PRODUCT SPEC 製品規格			
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APPLICATION SPEC 取付適用規格		SIZE	
MATERIAL 材料		WEIGHT		CAGE CODE	
FINISH 仕上		CUSTOMER DRAWING		DRAWING NO 番号 A3 00779 C-1903015	
				RESTRICTED TO —	
				SCALE 尺度 4:1	
				SHEET 12 OF 12	
				REV S	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[7-1903015-1](#)