

4

3

2

1

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SEP .2005.

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LOC

DIST

REVISIONS

変更

P

LTR

DESCRIPTION

DATE

DWN

APVD

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	-	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	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	-	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	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	-	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	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	φ2.65±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	-	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	-	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	φ2.65±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	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	φ2.65±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	-	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			
Au PL.	SCREW SIZE	QTY	DIMENSION													PART LIST								

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
単位: 耗
mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

±

±

±

±

±

±

MATERIAL
材料

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差

±

±

±

±

±

±

FINISH
仕上

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

TE Connectivity

NAME
名称

HDMI 19 POS RECEPTACLE ASSY
SMT SHORT TYPE

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO

A300779

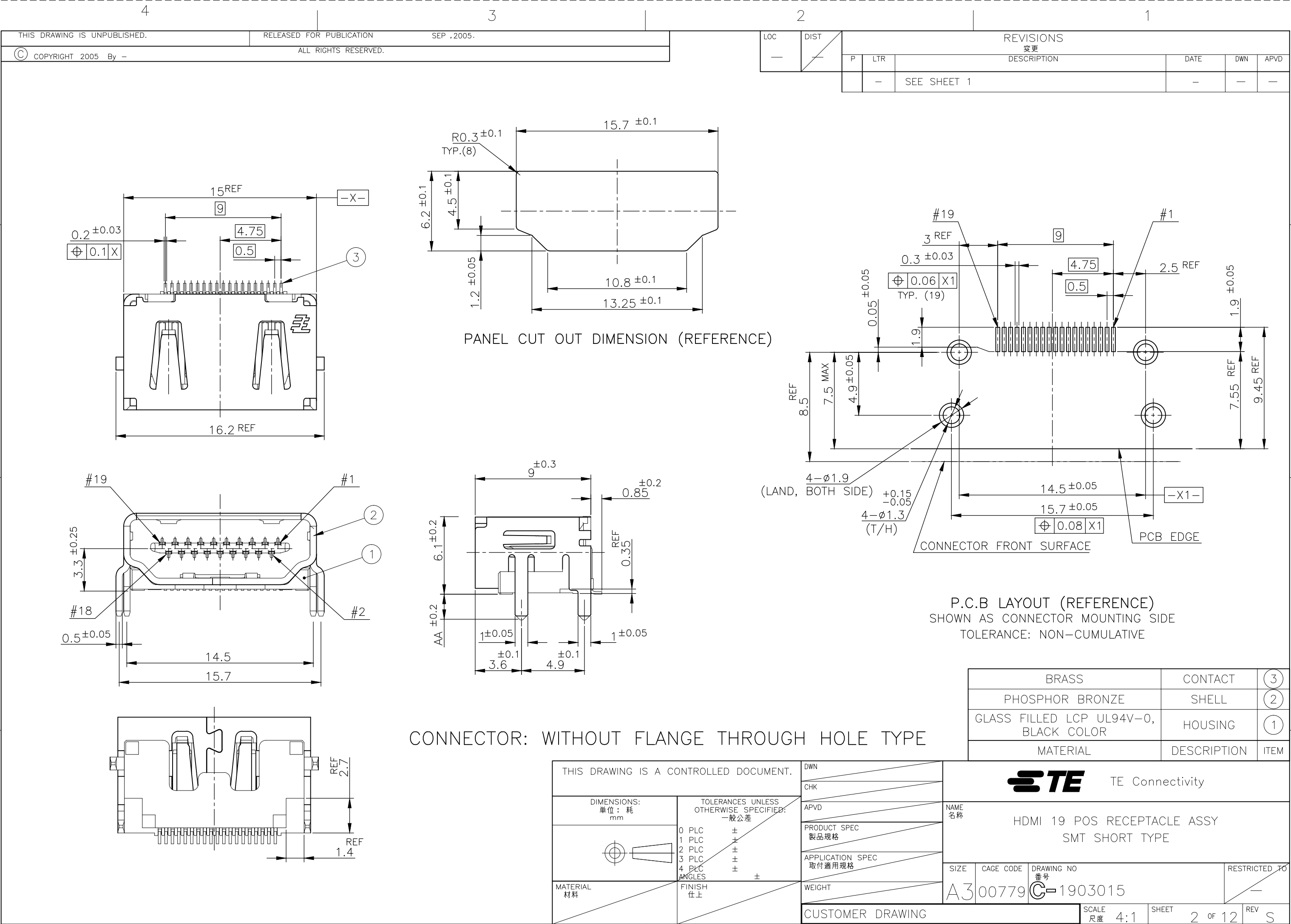
C-1903015

SCALE
尺度 4:1

SHEET
1 OF 12

REV
S

1470-19 (3/11)



4

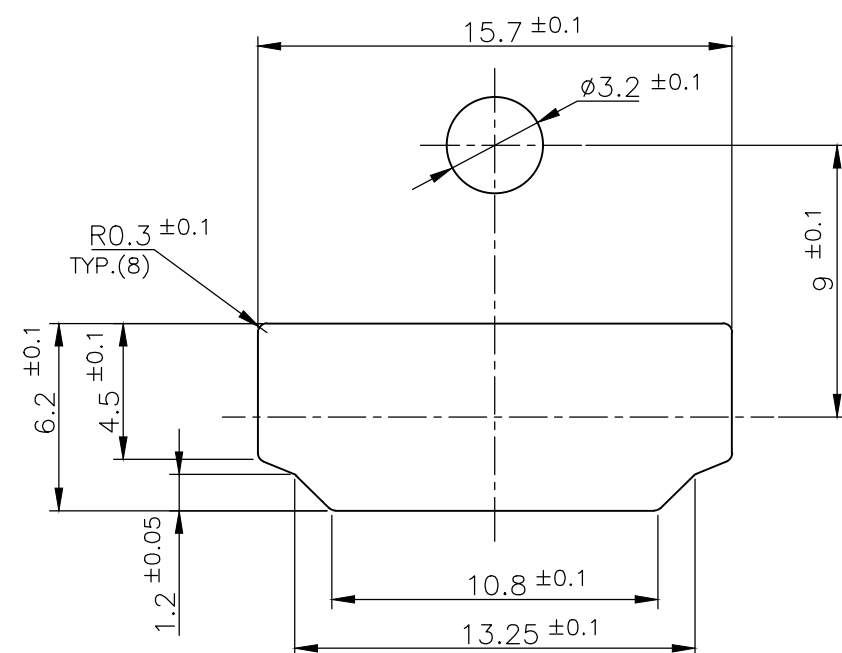
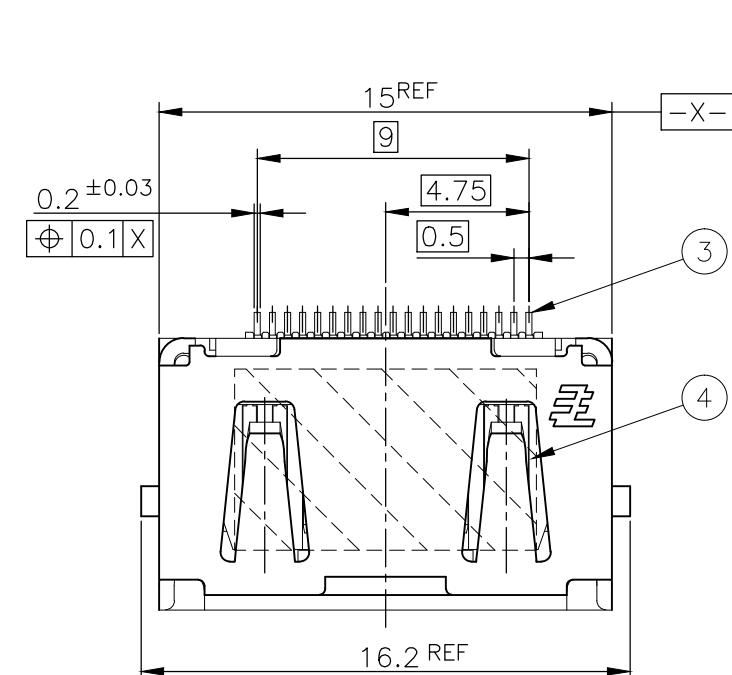
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2

1

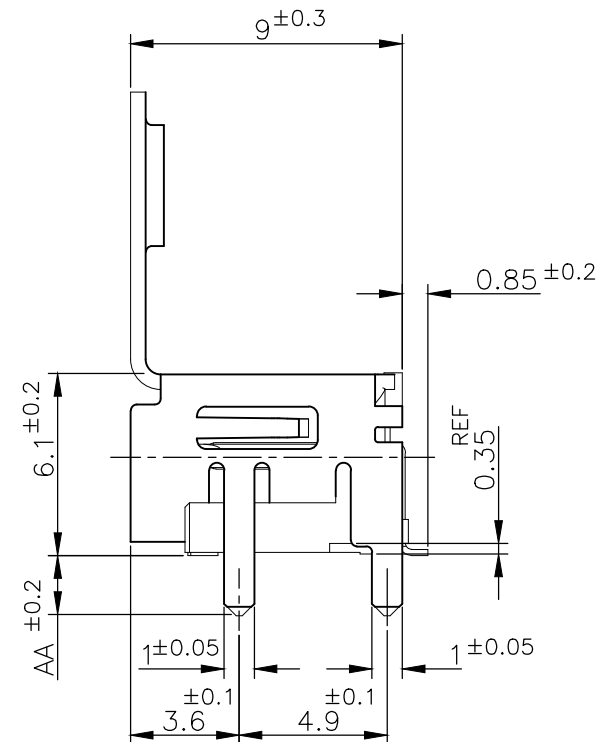
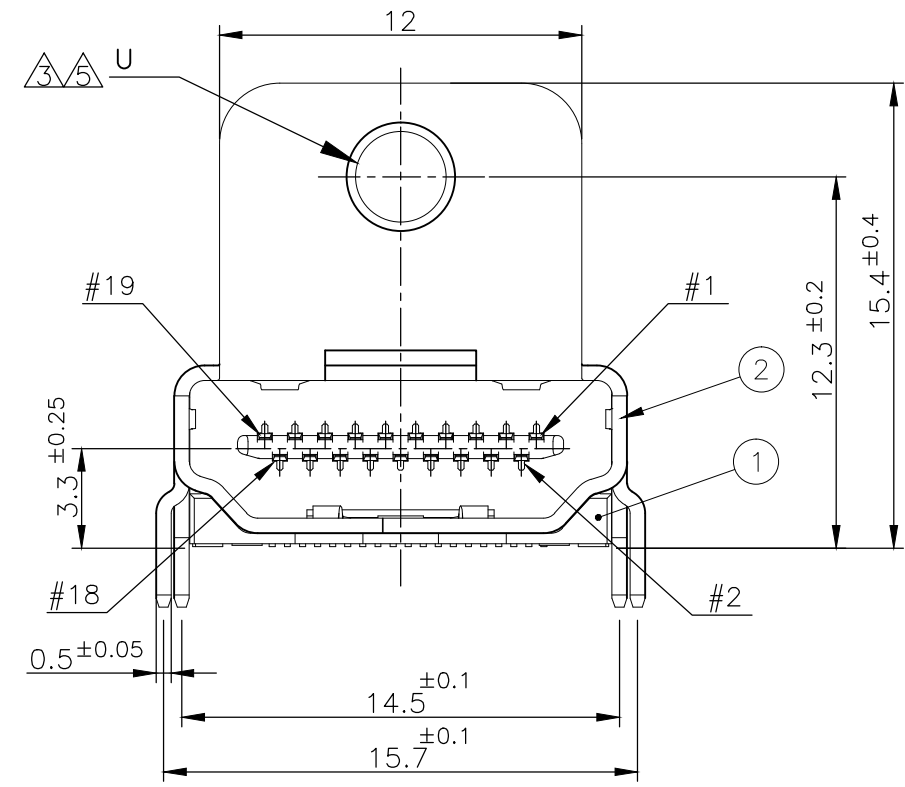
LOC	DIST	REVISIONS			
		P	LTR	DESCRIPTION	DATE
-	-	-	-	SEE SHEET 1	-

D

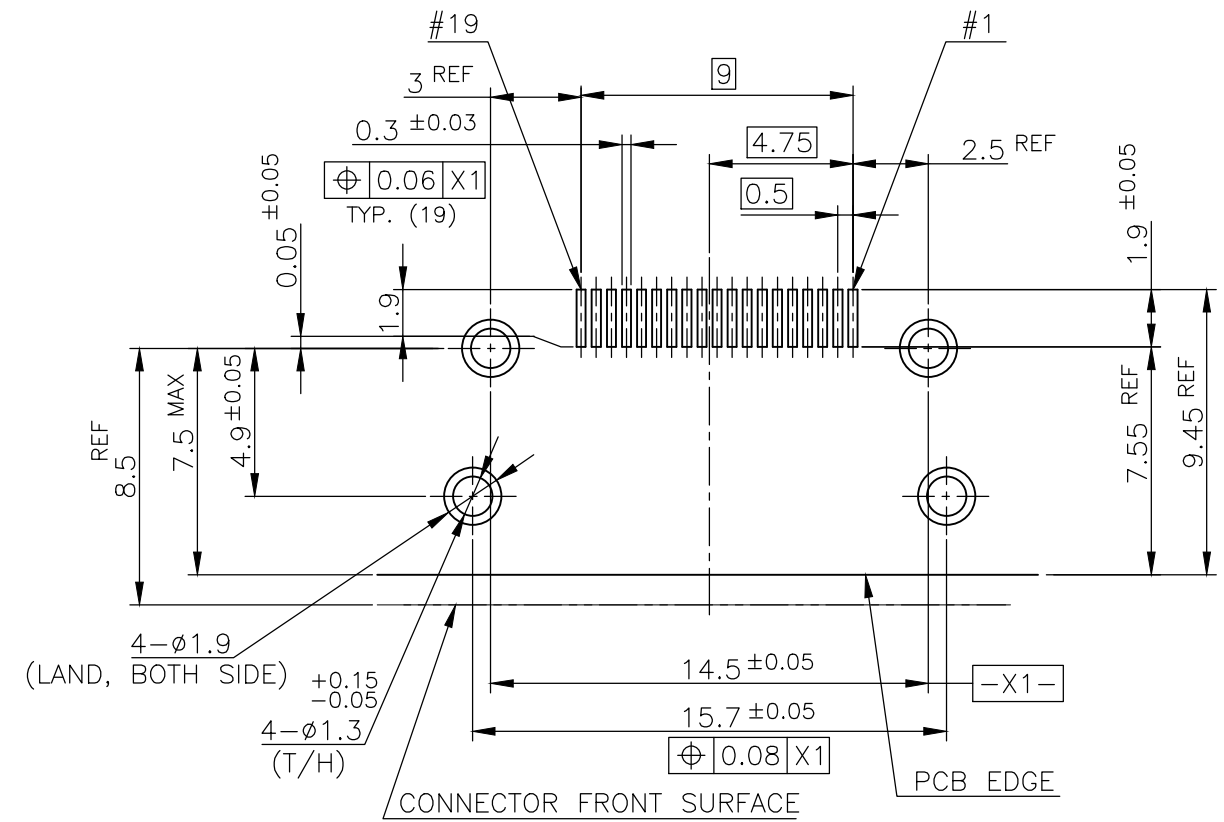


PANEL CUT OUT DIMENSION (REFERENCE)

C

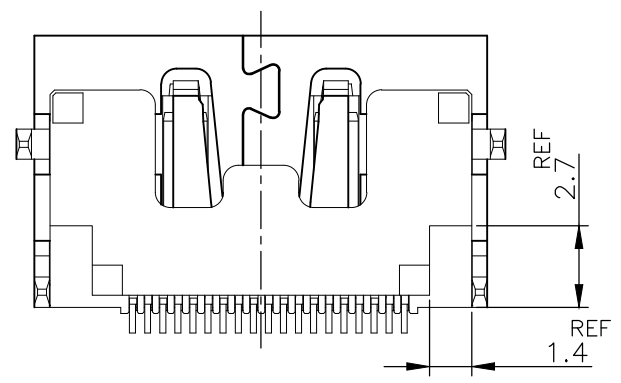


B



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 ±
MATERIAL 材料	FINISH 仕上

DWN	CHK	APVD	PRODUCT SPEC 製品規格	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 4:1 SHEET 3 OF 12 REV S

4

3

2

1

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

D

D

C

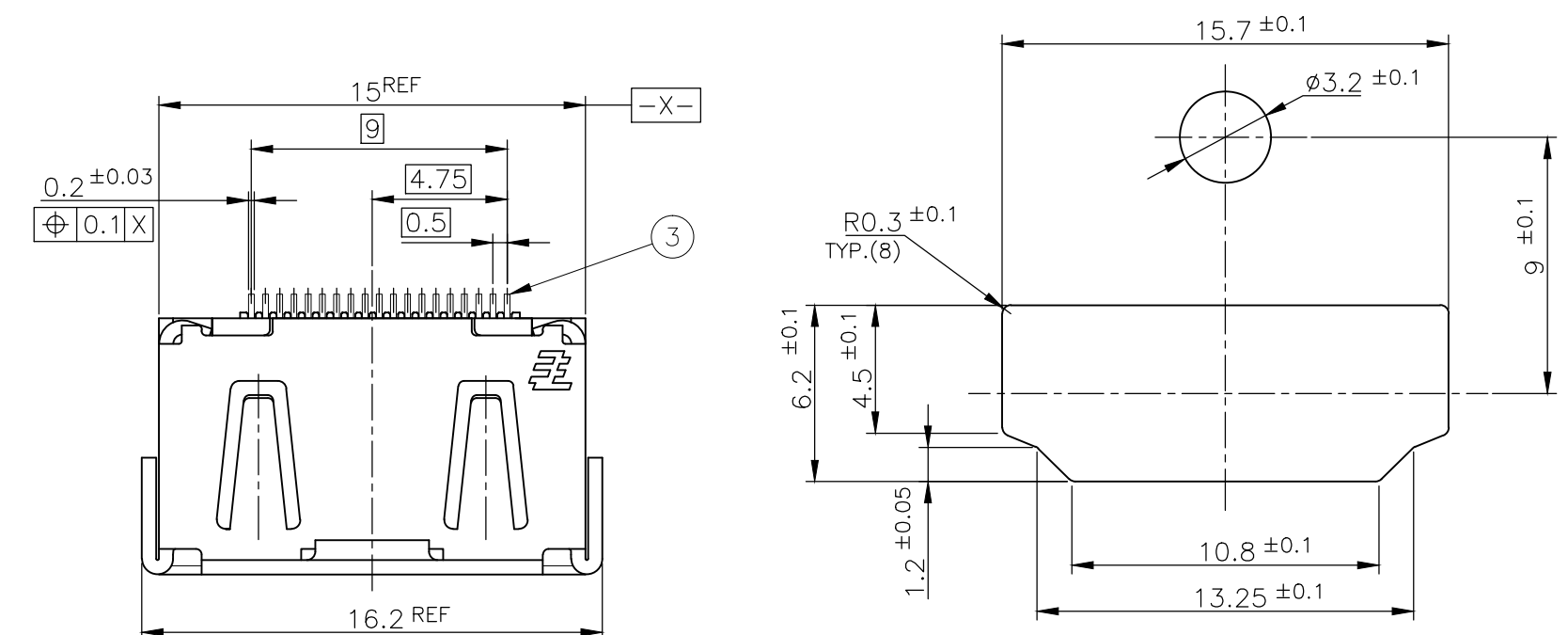
C

B

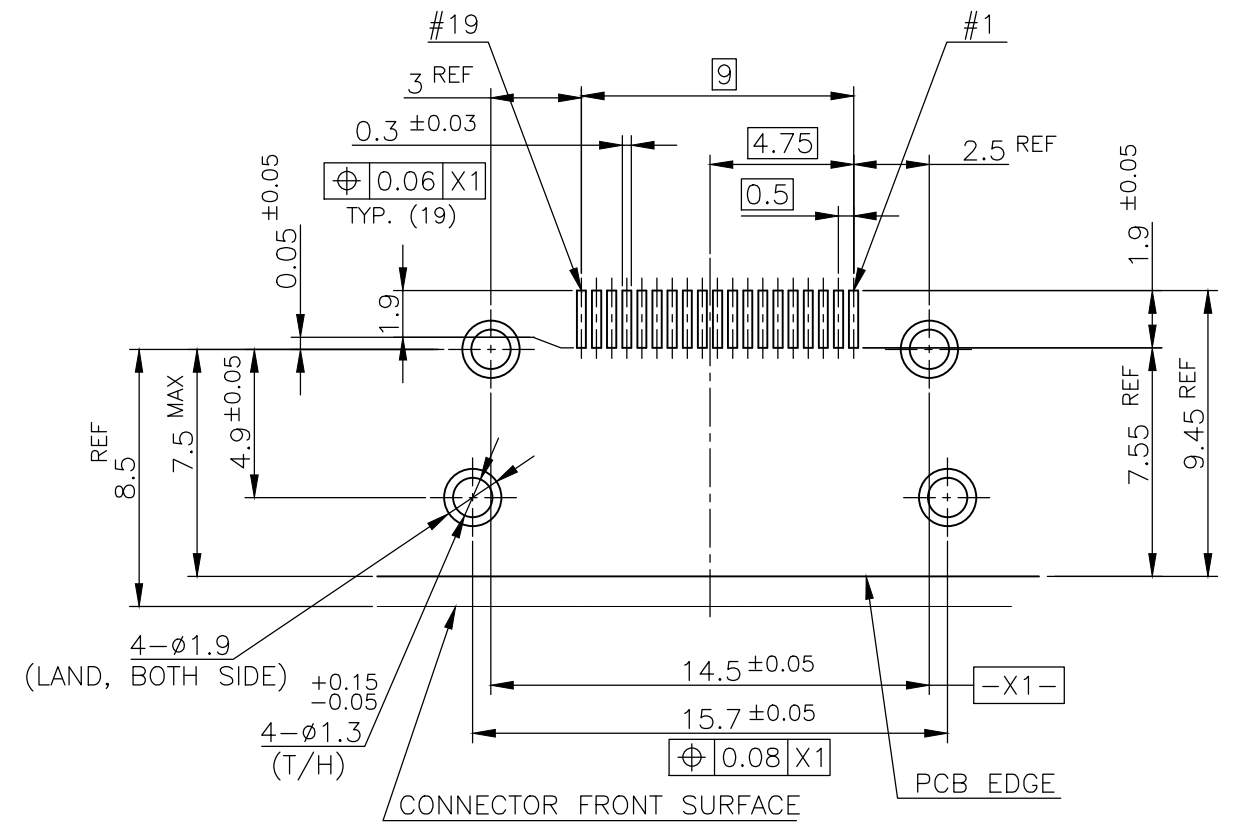
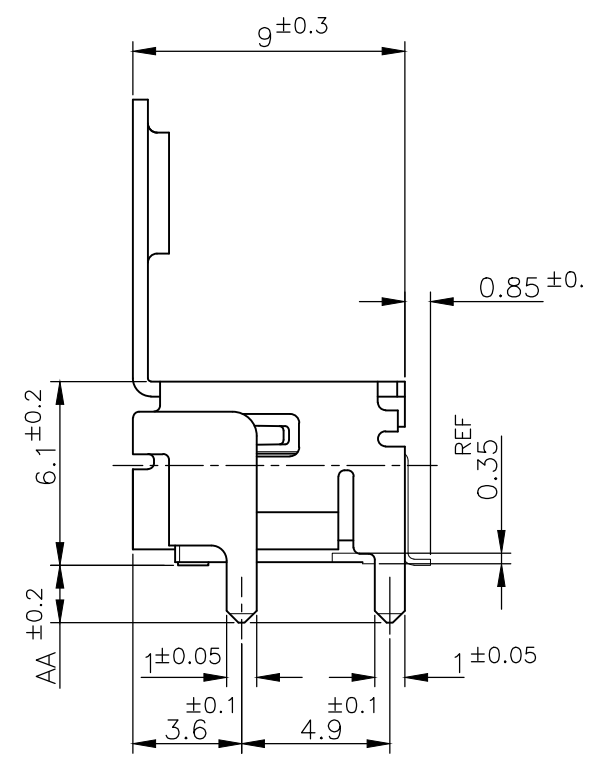
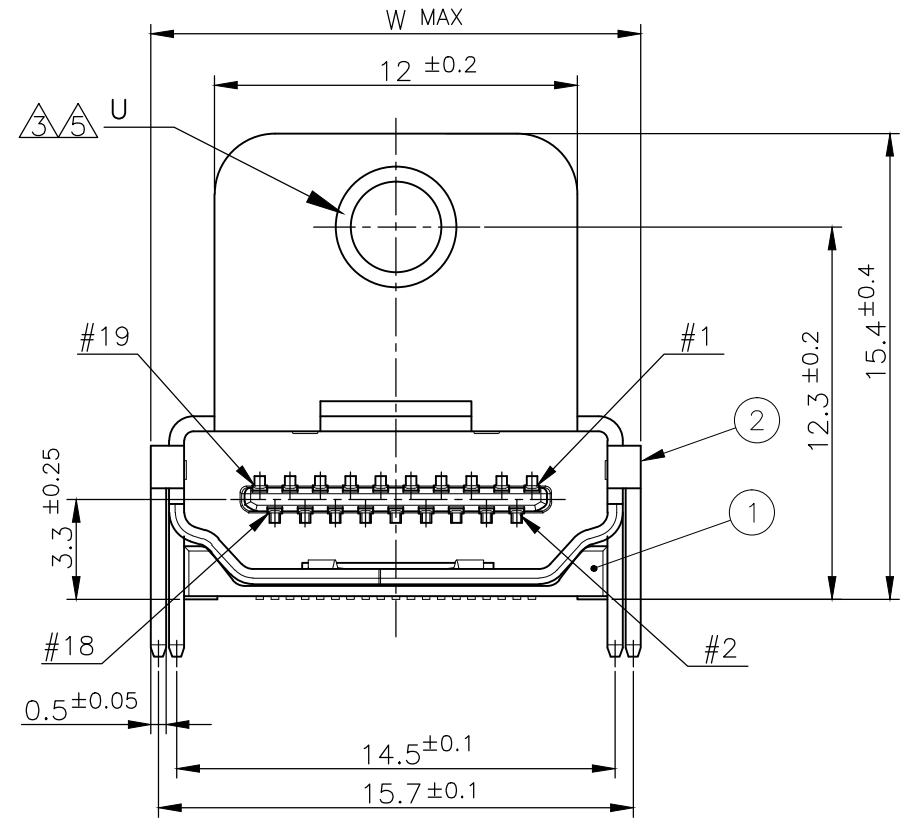
B

A

A



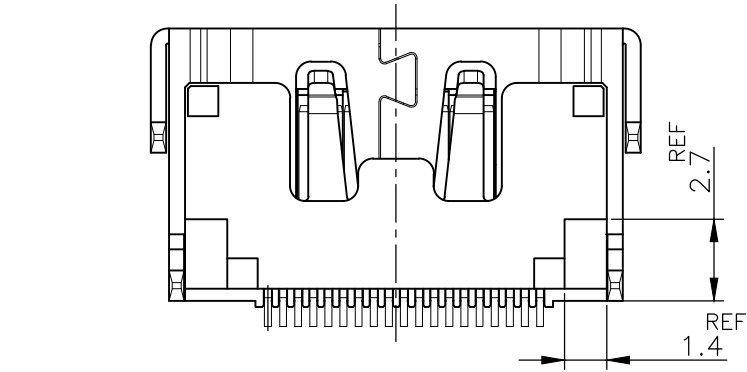
PANEL CUT OUT DIMENSION (REFERENCE)



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

CONNECTOR: WITH FLANGE THROUGH HOLE TYPE



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 ±
MATERIAL 材料	FINISH 仕上

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

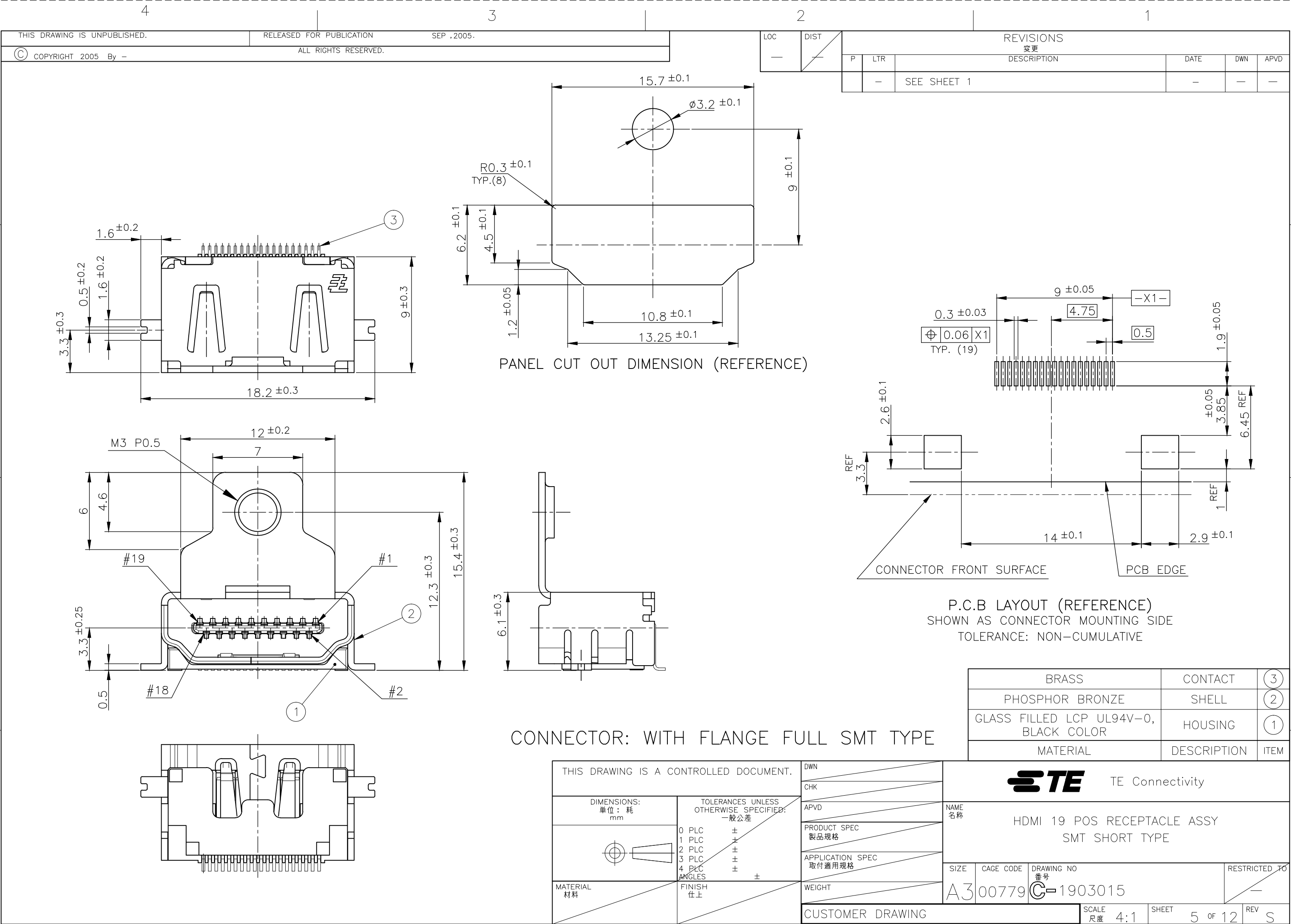
NAME 名称	SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
HDMI 19 POS RECEPTACLE ASSY SMT SHORT TYPE	A3	00779	C-1903015	-

SCALE 尺度	SHEET	REV
4:1	4 OF 12	S

TE Connectivity

HDMI 19 POS RECEPTACLE ASSY
SMT SHORT TYPE

SCALE 4:1 SHEET 4 OF 12 REV S



4

3

2

1

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LOC

DIST

REVISIONS

變更

DESCRIPTION

DATE

DWN

APVD

P

LTR

SEE SHEET 1

1903015-1, 2-1903015-2, 5-1903015-1

5-1903015-5, 7-1903015-1; AS SHOWN

5-1903015-3; AS SHOWN
(SCALE 1:1)5-1903015-9; AS SHOWN
(SCALE 1:1)9-1903015-3; AS SHOWN
(SCALE 1:1)

DETAIL A

DETAIL A

DETAIL A

B-B

B-B

B-B

1903015-3; AS SHOWN
(SCALE 1:1)

DETAIL A

B-B



LABEL DESCRIPTION

TYCO P/N: *-1903015-*
QTY: * pcs
D/C:
MADE IN CHINA

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
單位: 耗
mmTOLERANCES UNLESS
OTHERWISE SPECIFIED:
一般公差0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±MATERIAL
材料FINISH
仕上

DWN

CHK

APVD

PRODUCT SPEC
製品規格APPLICATION SPEC
取付適用規格

WEIGHT

CUSTOMER DRAWING

STE

TE Connectivity

NAME
名称HDMI 19 POS RECEPTACLE ASSY
SMT SHORT TYPE

SIZE

CAGE CODE

DRAWING NO
番号

RESTRICTED TO

A300779

C-1903015

SCALE
尺度 4:1SHEET
6 OF 12REV
S

LABEL

PLASTIC REEL

PULL OUT DIRECTION

CARRIER TAPE

WEEDING THE COVER TAPE: 300 MIN
(NOT INCLUDE EMPTINESS POCKET)PELLING ANGLE: 165°~180°
PEELING STRENGTH:
0.1~0.7N (300mm/min.)

400 MIN.

WITH PRODUCT CHARGE

25 HOLES MIN.

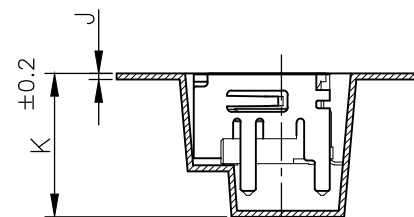
QTY: T PCS

L REF
M ±4

ø380±5

ø80±1

SEE DETAIL A



B-B

ø1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

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1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

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g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

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1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

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g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

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1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

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K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

g REF

1.75 ±0.1

F ±0.1

G ±0.1

H ±0.3

1.7^{+0.15}_{-0.05}1.5^{+0.1}₀

K ±0.2

B

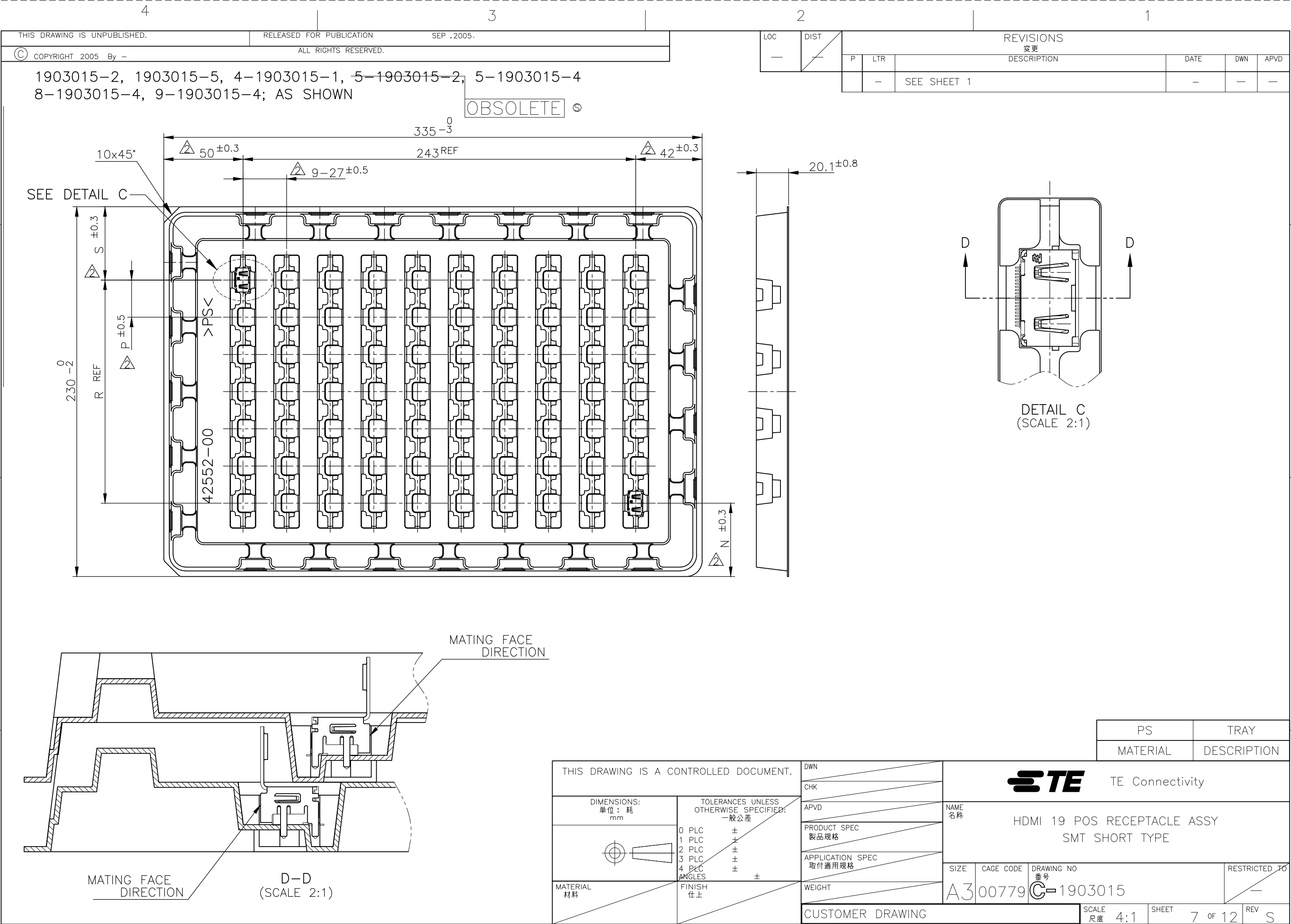
g REF

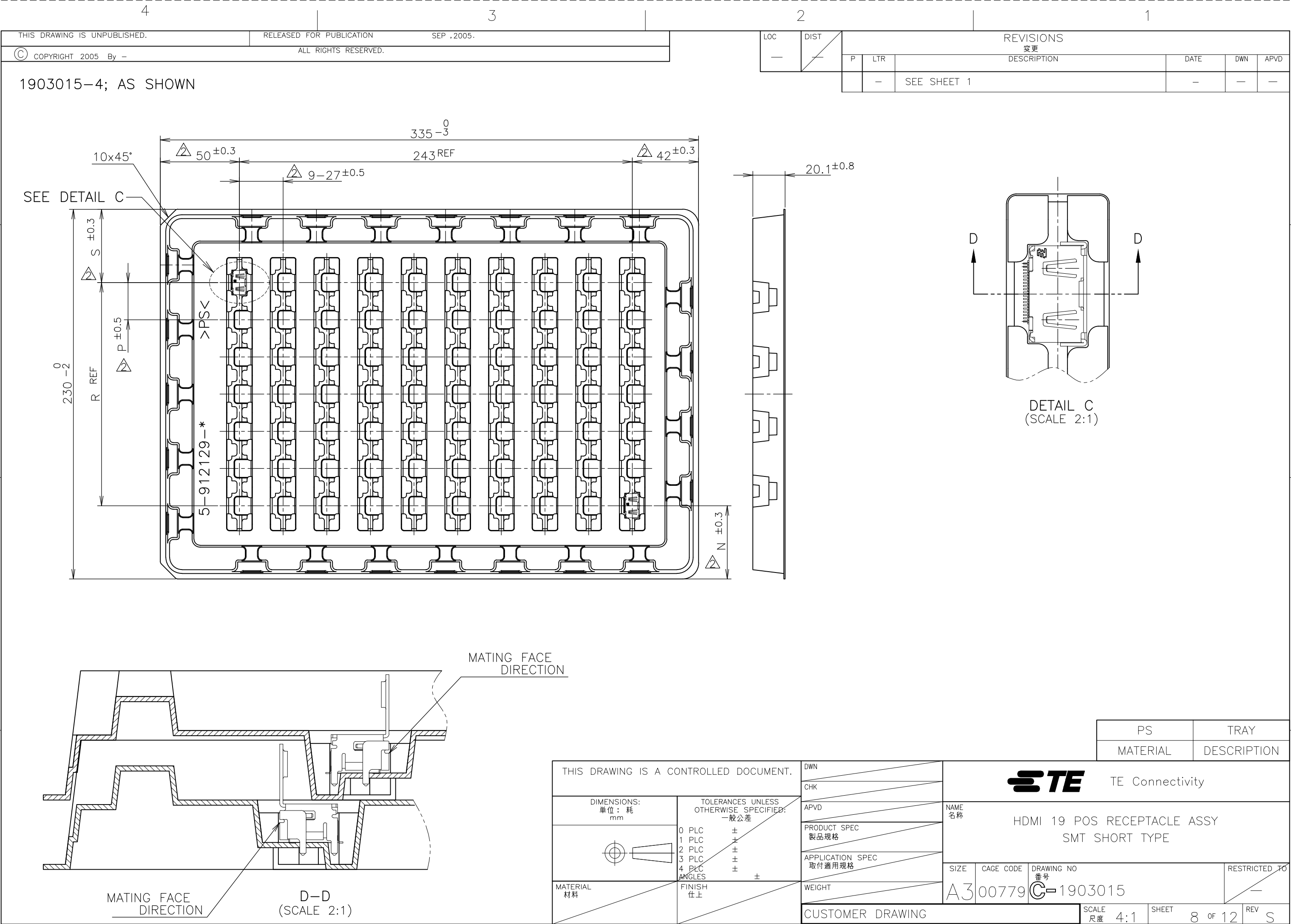
1.75 ±0.1

F ±0.1

G ±0.1

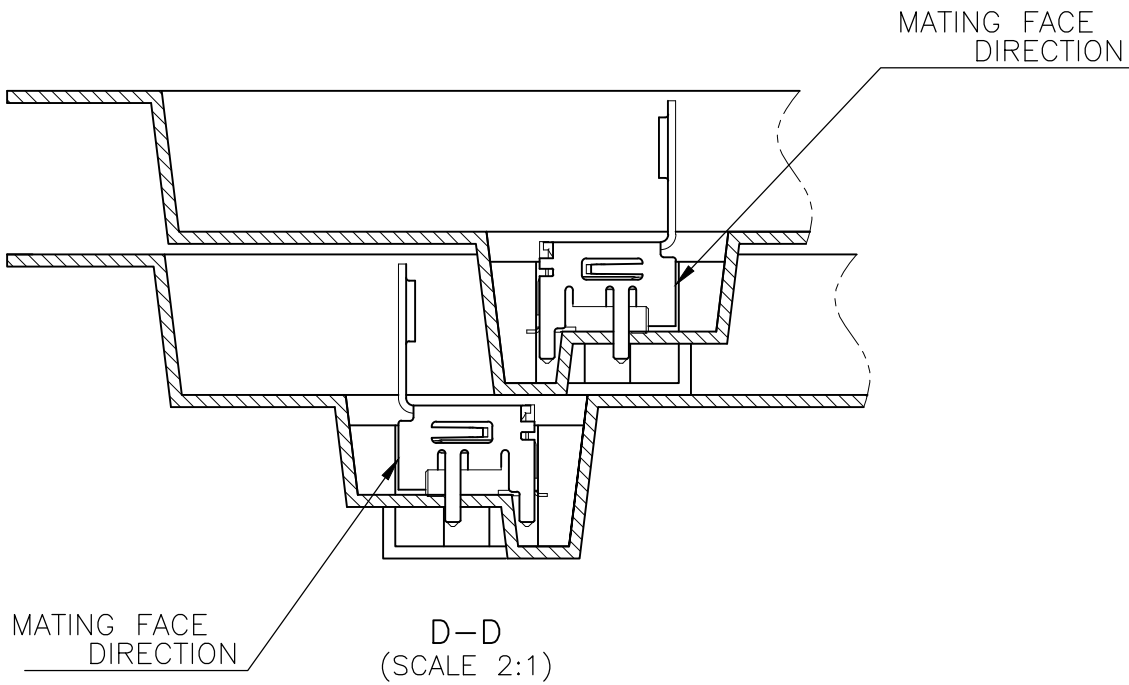
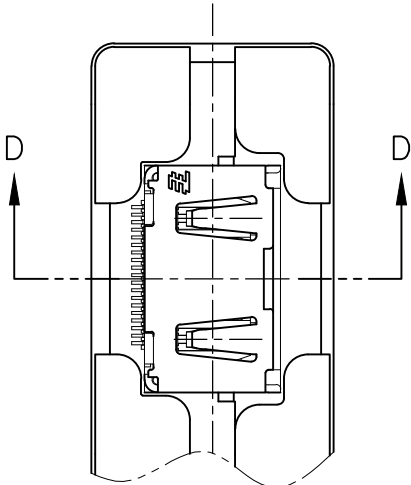
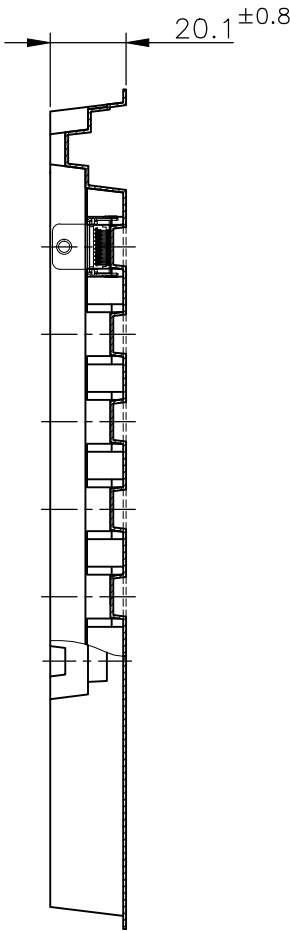
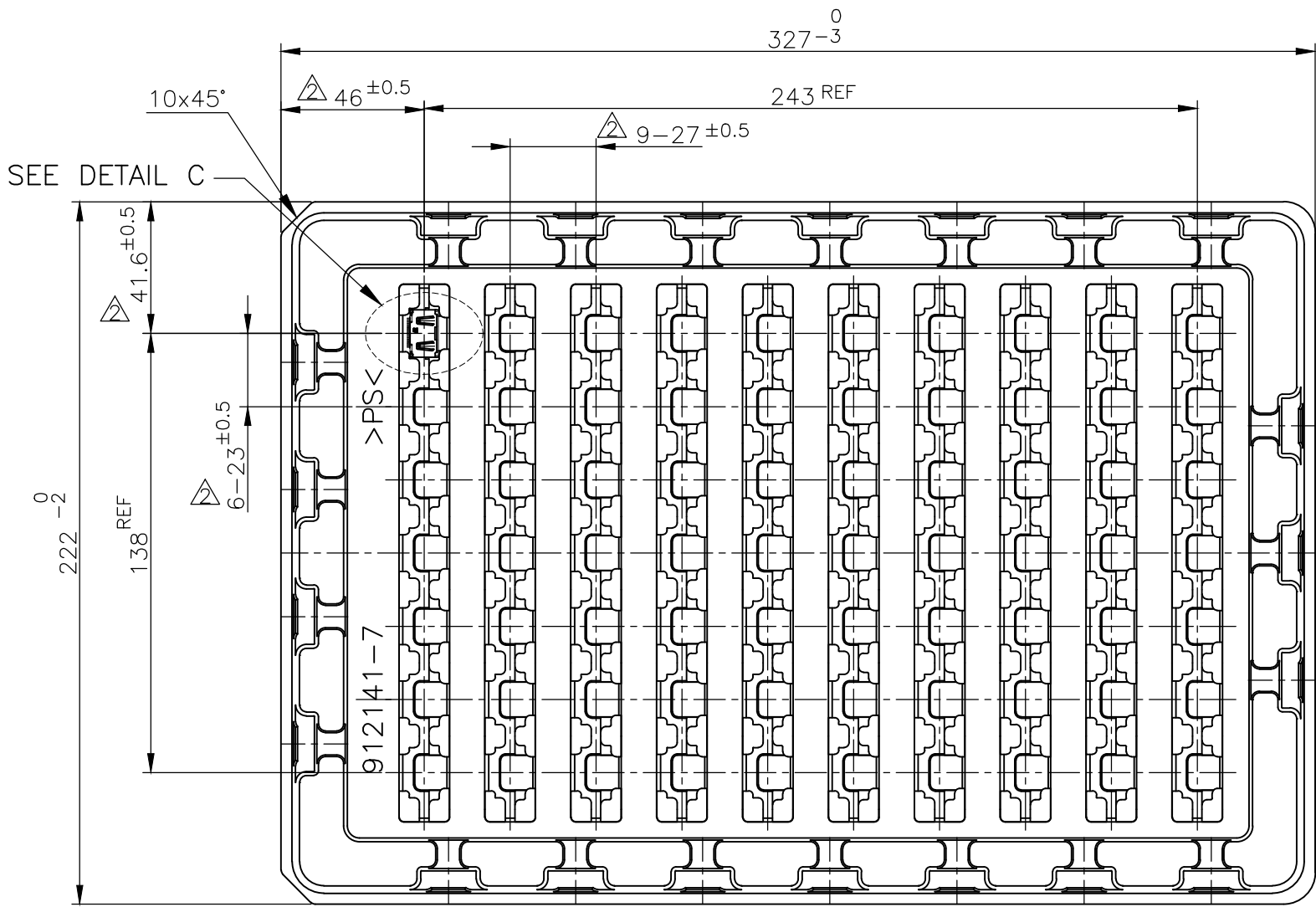
H ±0.3



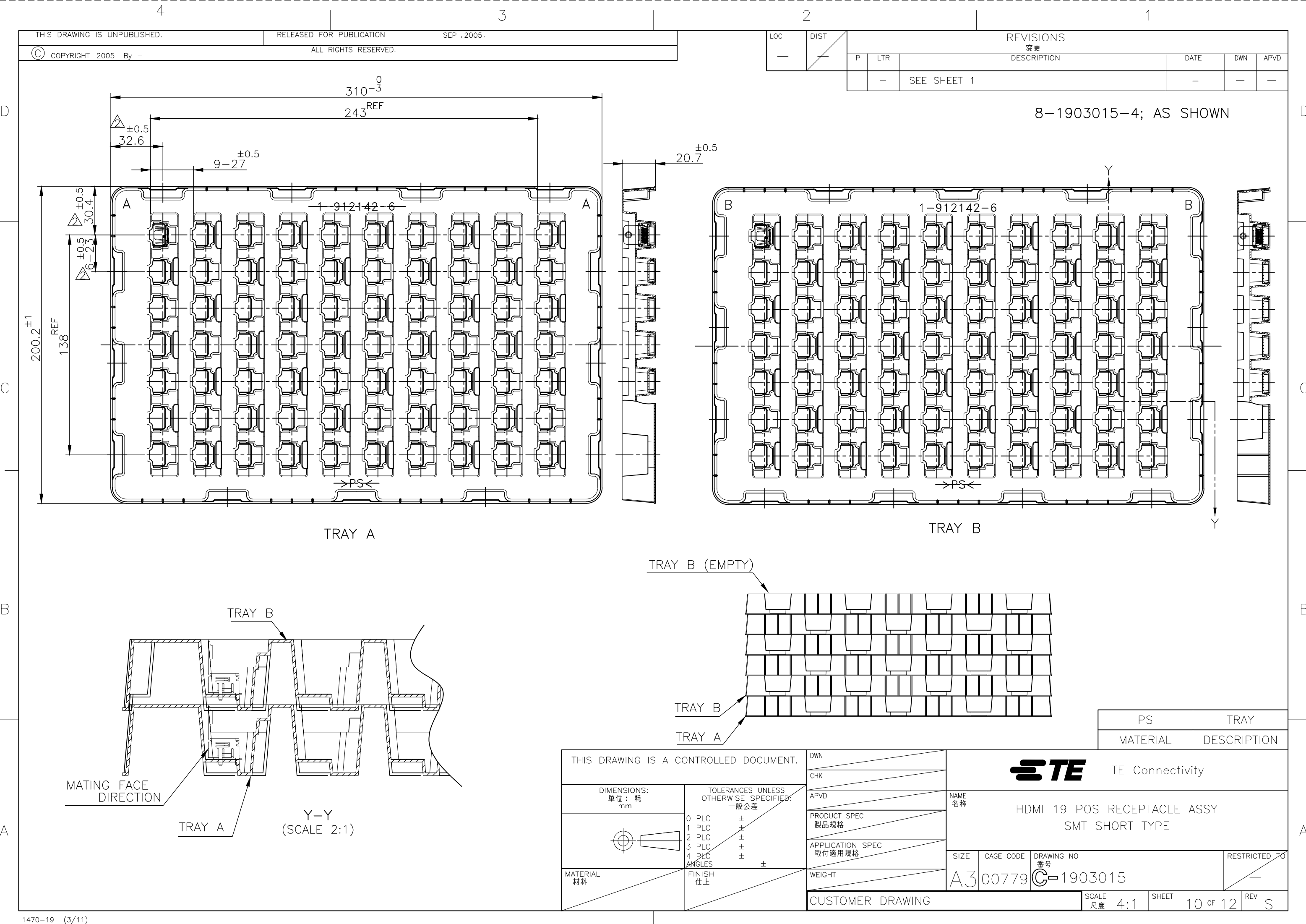


1903015-7, 1903015-8; AS SHOWN

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	 TE Connectivity			
DIMENSIONS: 単位: 耗 mm		CHK				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	NAME 名称			
0 PLC ±		PRODUCT SPEC 製品規格	HDMI 19 POS RECEPTACLE ASSY SMT SHORT TYPE			
1 PLC ±		APPLICATION SPEC 取付適用規格	SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
2 PLC ±		WEIGHT	A3	00779	C-1903015	-
3 PLC ±		CUSTOMER DRAWING	SCALE 尺度	4:1	SHEET 9 OF 12	REV S
4 PLC ±						
ANGLES 仕上						
MATERIAL 材料						



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

PRODUCT SPEC

製品規格

APPLICATION SPEC

取付適用規格

WEIGHT

CUSTOMER DRAWING

SCALE

尺度

4:1

SHEET

10 OF 12

REV

S

NAME

名称

HDMI 19 POS RECEPTACLE ASSY

SMT SHORT TYPE

SIZE

A3

CAGE CODE

00779

DRAWING NO

番号

8-1903015

RESTRICTED TO

PS

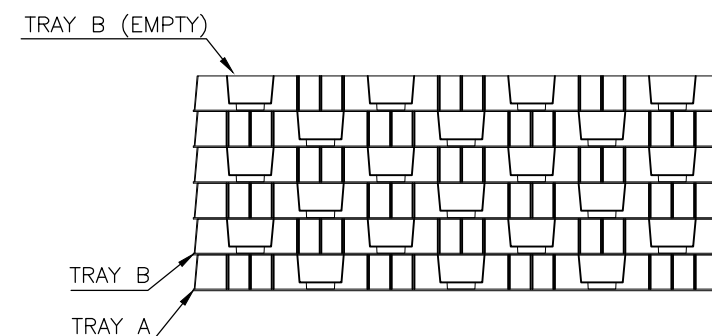
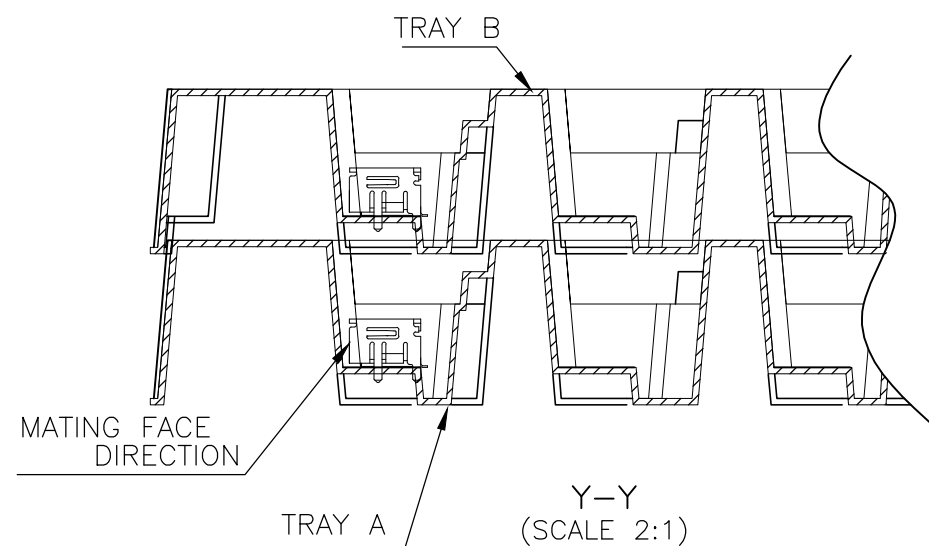
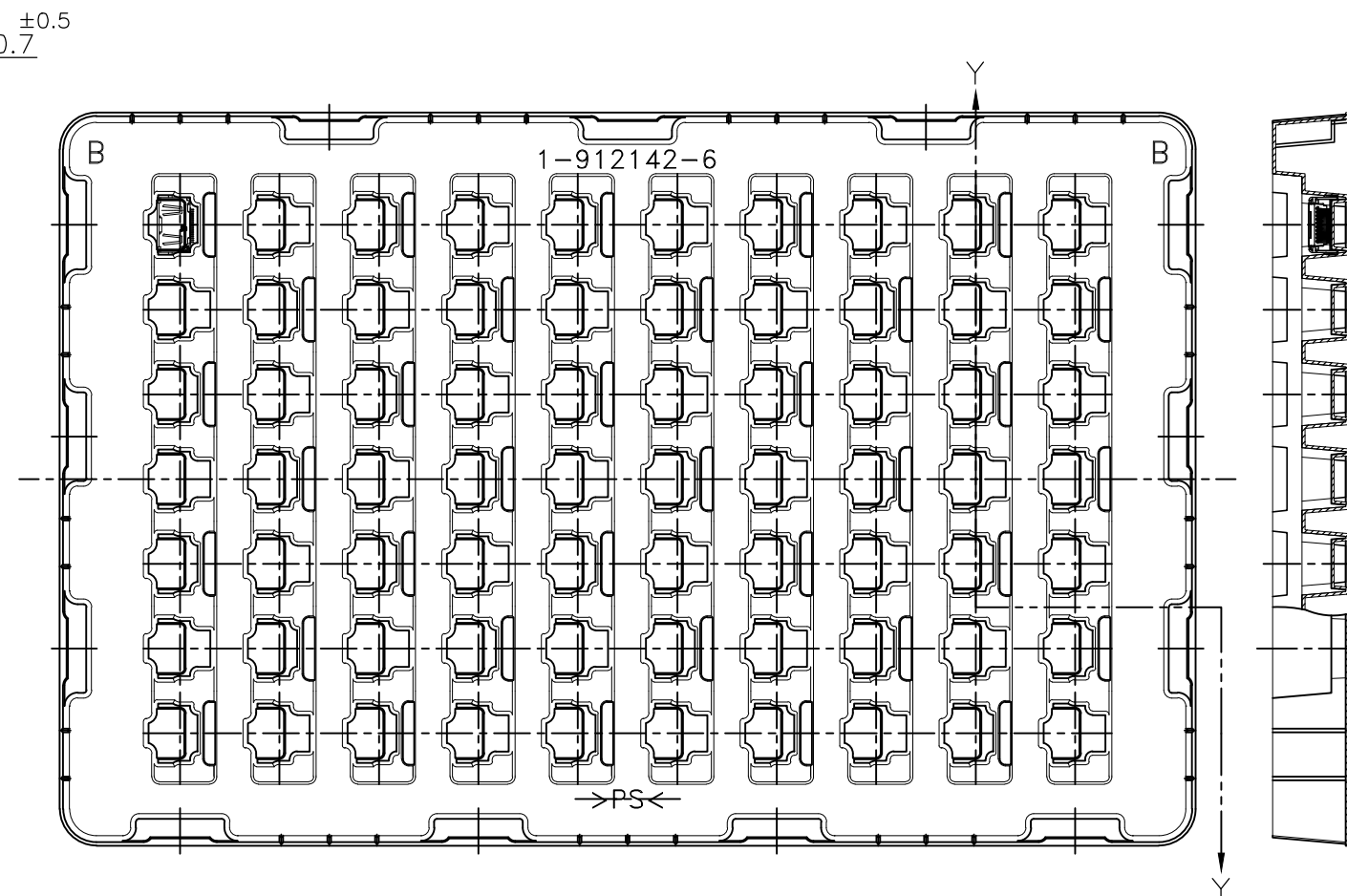
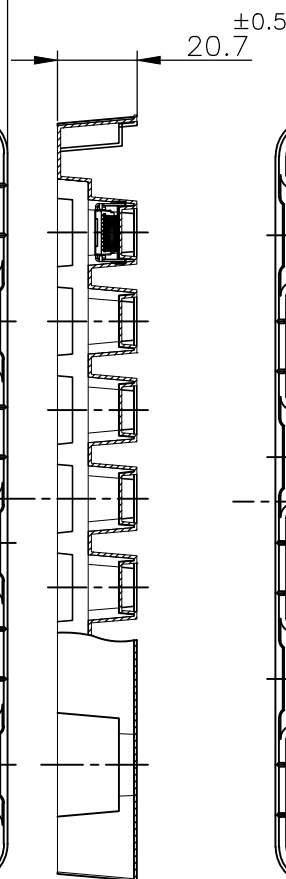
TRAY

MATERIAL

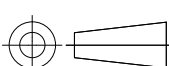
DESCRIPTION

TE Connectivity

P/N:6-1903015-3



PS	TRAY
MATERIAL	DESCRIPTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		TE Connectivity			
DIMENSIONS: 单位：耗 mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		NAME 名称			
		0 PLC ±		APVD			
		1 PLC ±		PRODUCT SPEC 製品規格			
		2 PLC ±		APPLICATION SPEC 取付適用規格			
		3 PLC ±		SIZE			
		4 PLC ±		CAGE CODE			
		ANGLES ±		DRAWING NO 番号			
MATERIAL 材料		FINISH 仕上		RESTRICTED TO			
				A300779C-1903015			
CUSTOMER DRAWING				SCALE 尺度		SHEET	
				4:1		12 OF 12	
						REV	
						S	

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