

4		3		2		1	
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				P LTR		REVISIONS	
				DESCRIPTION		DATE DWN APVD	
NOTICE: THIS COMMUNICATION INCLUDES TE CONNECTIVITY CONFIDENTIAL OR PROPRIETARY INFORMATION THAT MAY ALSO BE LEGALLY PRIVILEGED.		H		REVISED PER ECN-22-172432		01SEP2022 AK SZ	

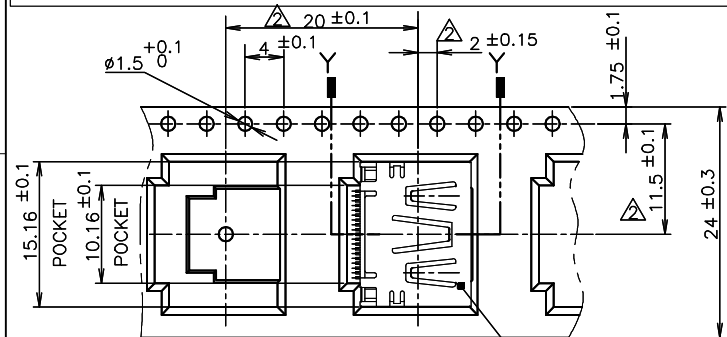
D	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	6.28	-	0.5	10.05	-	-	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 2)	WITHOUT FLANGE TYPE (SEE SHEET 8)	1747981-3 (F7)	D
	AVAILABLE	WITHOUT P/N	Au 0.76um	16.3	M3 x 0.5	0.5	10.05	10.95	7.98	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-9	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	6.28	-	0.5	10.55			1.1	1.1	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 2)	WITHOUT FLANGE TYPE (SEE SHEET 6)	9-1747981-2	OB
	AVAILABLE	WITH P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	1.0	10.55	12.75	10.08	2.2	1.8	WITH BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	9-1747981-1	OB
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	16.3	M3 x 0.5	0.5	10.05	10.95	7.98	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH FLANGE TYPE (SEE SHEET 7)	8-1747981-2 2-1747981-5	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	0.5	10.05	10.95	7.98	2.2	1.8	WITHOUT BOSS	CLEAR TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	8-1747981-1	OB
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	1.0	10.55	12.75	10.08	2.2	1.8	WITH BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	3-1747981-1	OB
	NOT AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	16.3	#4-40 UNC	0.5	10.55	12.75	10.08	2.2	1.8	WITH BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH FLANGE TYPE (SEE SHEET 7)	2-1747981-4	OB
	AVAILABLE	WITHOUT P/N	Au 0.76um MIN	16.3	M3 x 0.5	1.0	10.55	12.75	10.08	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH FLANGE TYPE (SEE SHEET 7)	2-1747981-3	
C	NOT AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	#4-40 UNC	0.5	10.05	12.75	10.08	2.2	1.8	WITHOUT BOSS	HARDTRAY PACKING (-)	WITH FLANGE TYPE (SEE SHEET 7)	2-1747981-2	C
	AVAILABLE	WITHOUT P/N	Au 0.76um MIN	-	M3 x 0.5	1.0	10.55	12.75	10.08	2.2	1.8	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	2-1747981-1	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	1.0	10.55	12.75	10.08	1.5	1.5	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-8	OB
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	16.3	M3 x 0.5	1.0	10.55	12.75	10.08	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-7	OB
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	0.5	10.05	10.95	7.98	2.2	1.8	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 5)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-6	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	16.3	M3 x 0.5	0.5	10.05	10.95	7.98	1.5	1.5	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-5	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	1.0	10.55	12.75	10.08	2.2	1.8	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-4	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	#4-40 UNC	0.5	10.05	12.75	10.08	2.2	1.8	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-3	OB
B	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	0.5	10.05	10.95	7.98	1.5	1.5	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-2	B
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	-	M3 x 0.5	0.5	10.05	10.95	7.98	2.2	1.8	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-1	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	6.28	-	0.5	10.05	-	-	1.5	1.5	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 2)	WITHOUT FLANGE TYPE (SEE SHEET 6)	1747981-2	
	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	6.28	-	0.5	10.05	-	-	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 2)	WITHOUT FLANGE TYPE (SEE SHEET 6)	1747981-1	
	AVAILABLE	WITHOUT P/N	Au 0.76um MIN	6.28	-	0.5	10.05	-	-	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 2)	WITHOUT FLANGE TYPE (SEE SHEET 6)	3-1747981-2	
	TOOL STATUS	PART NUMBER MARKING	CONTACT AREA PLATING SPEC J	DIM H	SCREW SIZE DIM G	DIM F	DIM E	DIM D	DIM C	DIM B	DIM A	BOSS	PACKING	CONNECTOR TYPE	PART NUMBER	

- 1 CONTACT COPLANALITY IS 0.1 MAXIMUM.
THIS DIMENSION MEANS CENTER OF THE POCKET.
FINISH
CONTACT: CONTACT AREA J: SEE TABLE
2um MIN Sn PLATING ON SOLDERING AREA
2um MIN Ni UNDER PLATING ALL OVER
SHELL: 1um MIN Sn PLATING ALL OVER
1um MIN Ni UNDER PLATING ALL OVER
- REFER TO THE TABLE FOR BO
SCREW SIZE
PART NUMBER MAKING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Y. HIRATA 15SEP2005 CHK T. KIMURA 15SEP2005 APVD K. IKEGAMI 15SEP2005		TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC ± 0.2 1 PLC ± 0.2 2 PLC ± 0.2 3 PLC ± 0.2 4 PLC ± 0.2 ANGLES ±		PRODUCT SPEC 108-78180-1		HDMI 19 POS RECEPTACLE ASSY SMT TYPE -LEAD FREE-	
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
				A3 00779 C-1747981	
CUSTOMER DRAWING		SCALE NTS		SHEET 1 of 9 REV H	

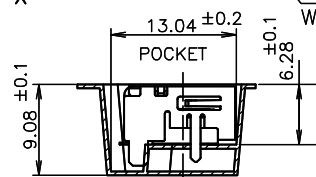
LOC		DIST		REVISIONS			
J				DESCRIPTION	DATE	DWN	APVD
				P LTR			
				-	SEE SHEET 1	-	-

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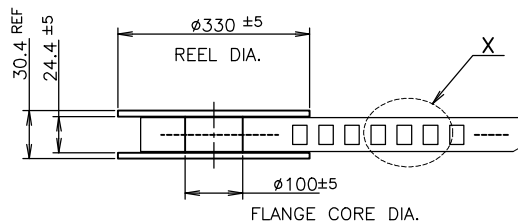


DETAIL X

CONNECTOR
WITHOUT FLANGE TYPE



SHOWN AS: 1747981-3



PLASTIC REEL

PULL OUT DIRECTION

EMBOSS REEL

WEEDING THE COVER TAPE: 300 MIN
(NOT INCLUDE EMPTINESS POCKET)

PELLING ANGLE: 165°~180°
PEELING STRENGTH: 0.1~0.7N
(300mm/min.)

400 MIN WITHOUT CHARGE WITH PRODUCT CHARGE QTY:300PCS 25 MIN WITHOUT CHARGE

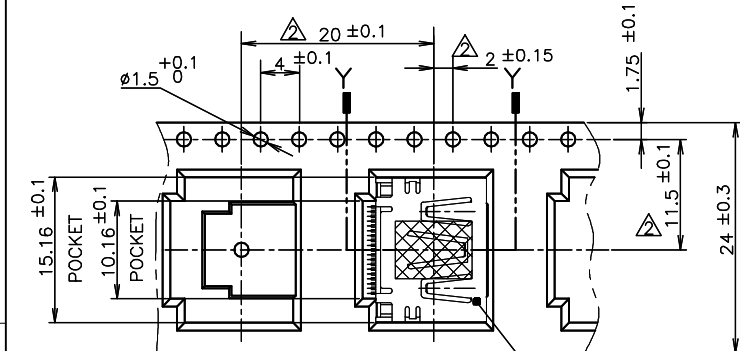
LABEL DESCRIPTION

TE CONNECTIVITY P/N.: 1747981-*
QTY: 300 pcs
D/C:
MADE IN CHINA

SHOWN AS:
3-1747981-2
9-1747981-2
1747981-2
1747981-1

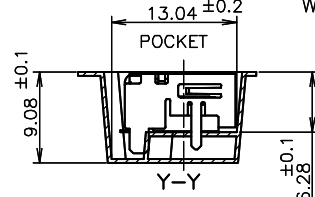
OB

300	WITHOUT	WITHOUT FLANGE TYPE	1747981-3
300	WITH	WITHOUT FLANGE TYPE	3-1747981-2
300	WITH	WITHOUT FLANGE TYPE	9-1747981-2
300	WITH	WITHOUT FLANGE TYPE	1747981-2
300	WITH	WITHOUT FLANGE TYPE	1747981-1
QTY	MYLAR	CONNECTOR TYPE	PART NUMBER



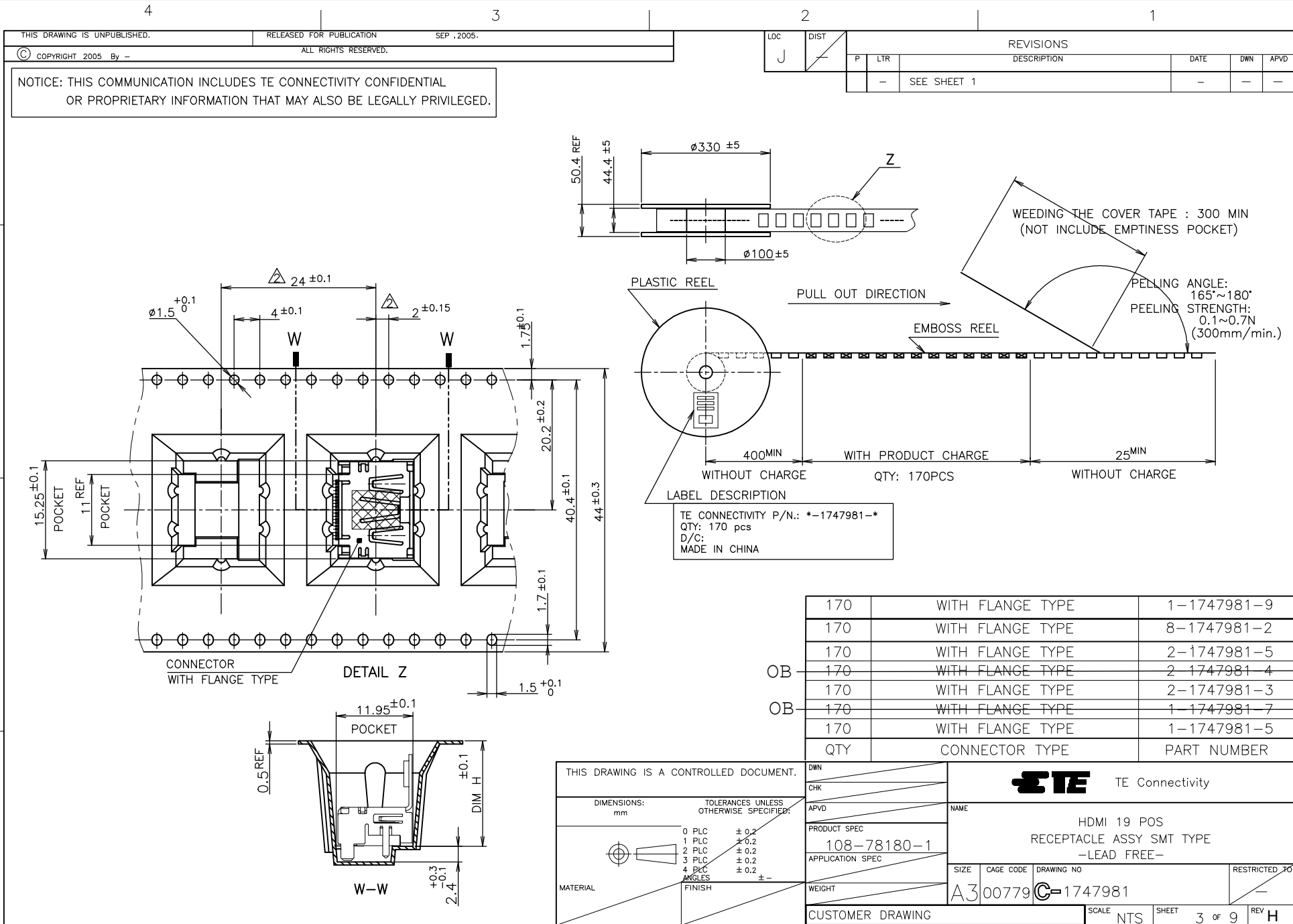
DETAIL X

CONNECTOR
WITHOUT FLANGE TYPE



Y-Y

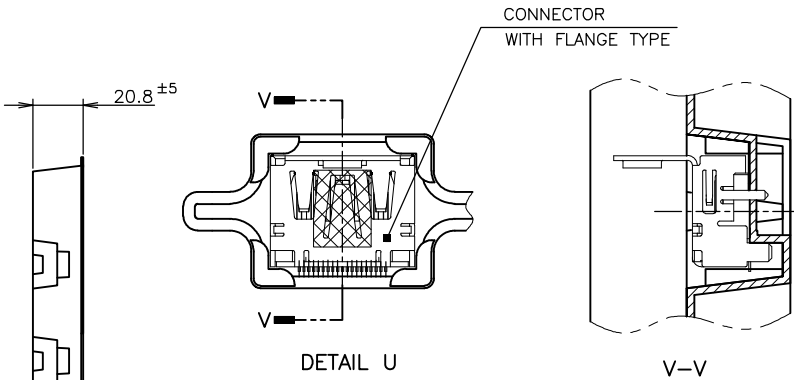
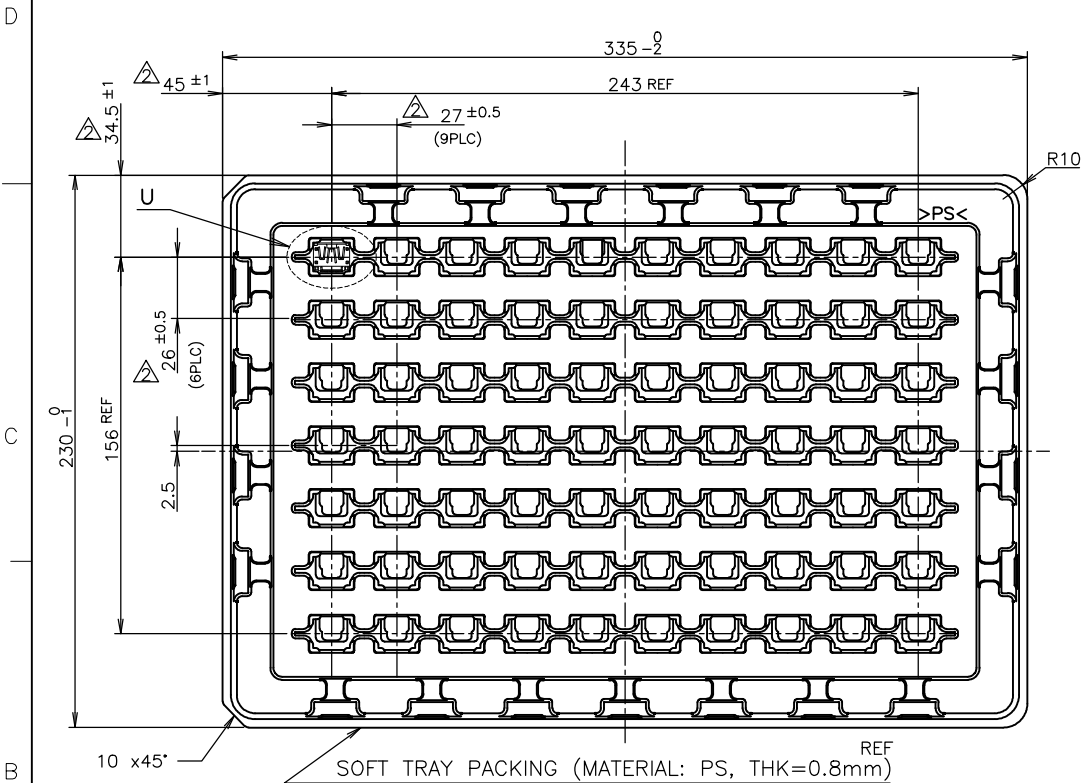
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	
		CHK	
		APVD	
DIMENSIONS: mm		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
0 PLC ±0.2		108-78180-1	
1 PLC ±0.2		APPLICATION SPEC	
2 PLC ±0.2		SIZE	
3 PLC ±0.2		A3	
4 PLC ±0.2		CAGE CODE	
ANGLES ±		DRAWING NO	
MATERIAL		C=1747981	
FINISH		RESTRICTED TO	
		CUSTOMER DRAWING	
		SCALE NTS	
		SHEET 2 of 9	
		REV H	



70 WITH FLANGE TYPE 1-1747981-9

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

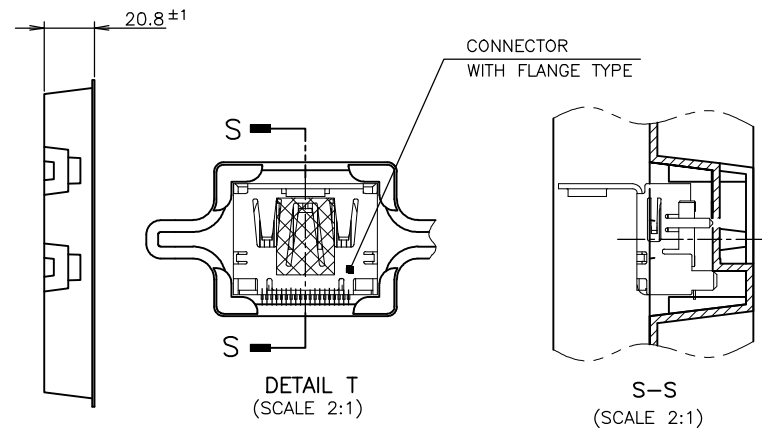
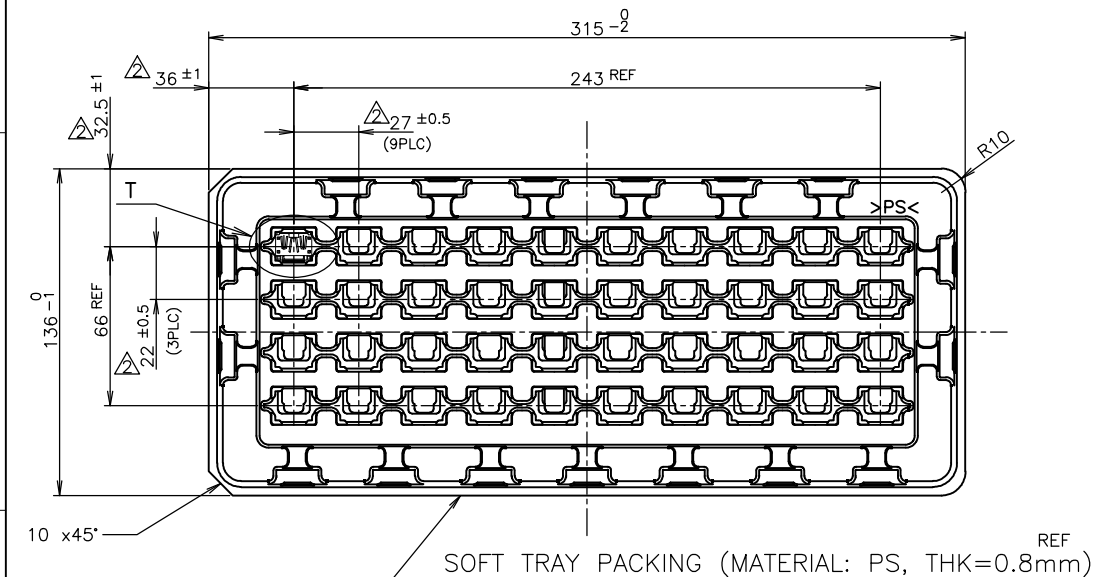


70	WITH FLANGE TYPE	9-1747981-1	OB
70	WITH FLANGE TYPE	8-1747981-1	OB
70	WITH FLANGE TYPE	3-1747981-1	B
70	WITH FLANGE TYPE	2-1747981-1	
70	WITH FLANGE TYPE	1-1747981-8	
70	WITH FLANGE TYPE	1-1747981-4	
70	WITH FLANGE TYPE	1-1747981-3	
70	WITH FLANGE TYPE	1-1747981-2	
70	WITH FLANGE TYPE	1-1747981-1	
QTY	CONNECTOR TYPE	PART NUMBER	

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		TE Connectivity	
CHK		APVD		NAME	
DIMENSIONS: mm		PRODUCT SPEC		HDMI 19 POS	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		RECEPTACLE ASSY SMT TYPE	
0 PLC ±0.2		108-78180-1		-LEAD FREE-	
1 PLC ±0.2		SIZE		CAGE CODE	
2 PLC ±0.2		A3		00779	
3 PLC ±0.2		DRAWING NO		C=1747981	
4 PLC ±0.2		WEIGHT		RESTRICTED TO	
ANGLES ±		CUSTOMER DRAWING		SCALE NTS	
MATERIAL		SHEET 4 of 9		REV H	

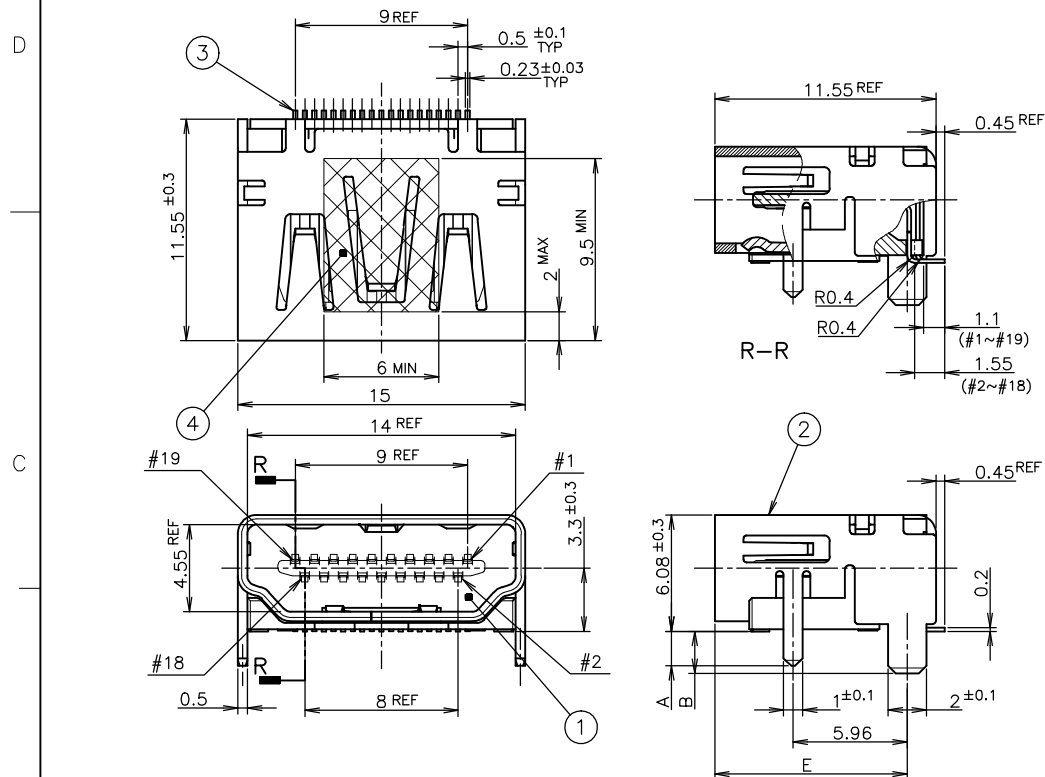
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
J	-	SEE SHEET 1	-	-	-



NOTICE: THIS COMMUNICATION INCLUDES TE CONNECTIVITY CONFIDENTIAL OR PROPRIETARY INFORMATION THAT MAY ALSO BE LEGALLY PRIVILEGED.

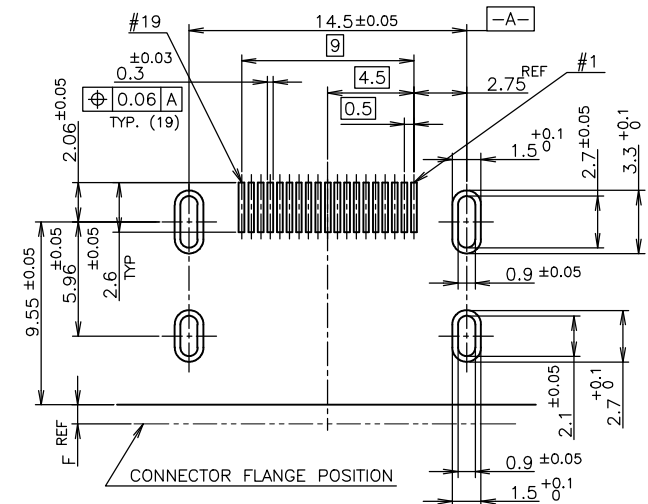
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CHK		APVD			
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		0 PLC ± 0.2		PRODUCT SPEC	
		1 PLC ± 0.2		108-78180-1	
		2 PLC ± 0.2		APPLICATION SPEC	
		3 PLC ± 0.2			
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
		4 PLC ± 0.2		A3 00779 C-1747981	
		ANGLES ± -			
		WEIGHT		CUSTOMER DRAWING	
		SCALE NTS		SHEET 5 of 9 REV H	

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

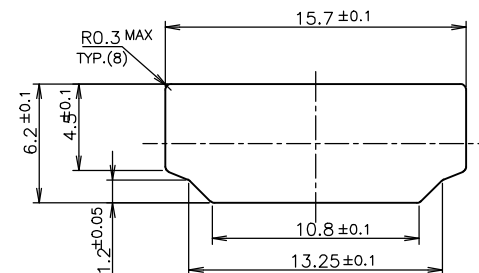


CONNECTOR WITHOUT FLANGE TYPE

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

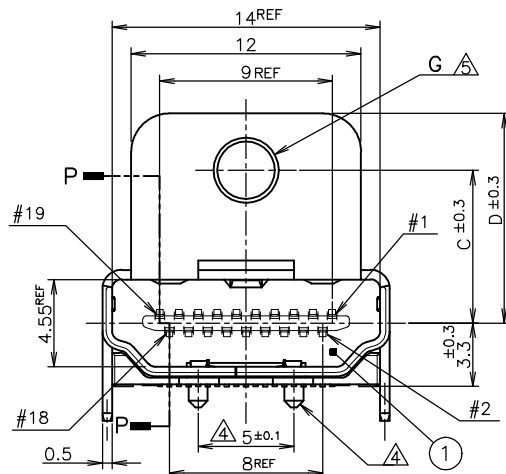
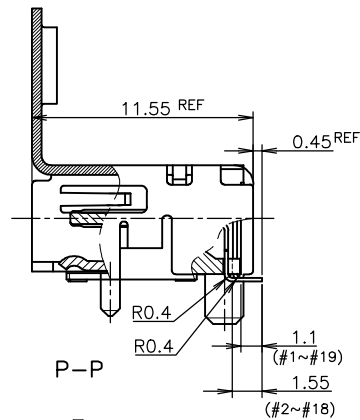
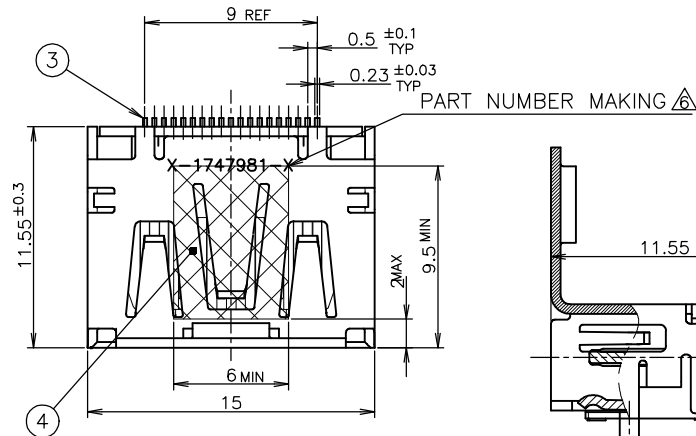


PANEL CUT OUT DIMENSION
 (REFERENCE)

Thickness: 0.08mm color: Brown	POLYIMIDE	1	POLYIMIDE TAPE	④
	COPPER ALLOY	19	CONTACT	③
	COPPER ALLOY	1	SHELL	②
	THERMOPLASTIC UL94V-0, BLACK COLOR	1	HOUSING	①
FINISH	MATERIAL	QTY	DISCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		TE Connectivity	
DIMENSIONS: mm		CHK		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		HDMI 19 POS	
0 PLC ± 0.2		PRODUCT SPEC		RECEPTACLE ASSY SMT TYPE	
1 PLC ± 0.2		108-78180-1		-LEAD FREE-	
2 PLC ± 0.2		APPLICATION SPEC		SIZE	
3 PLC ± 0.2		WEIGHT		CAGE CODE	
4 PLC ± 0.2		CUSTOMER DRAWING		DRAWING NO	
ANGLES ±				A300779	
FINISH				C=1747981	
				RESTRICTED TO	
				SCALE 4:1 SHEET 6 OF 9 REV H	

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
J		SEE SHEET 1			



CONNECTOR WITH FLANGE TYPE

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Thickness: 0.08 Color: Brown	POLYIMIDE	1	POLYIMIDE TAPE	④
③	COPPER ALLOY	19	CONTACT	③
③	COPPER ALLOY	1	SHELL	②
	THERMOPLASTIC UL94V-0, BLACK COLOR	1	HOUSING	①
FINISH	MATERIAL	QTY	DISCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± 0.2
1 PLC	± 0.2
2 PLC	± 0.2
3 PLC	± 0.2
4 PLC	± 0.2
ANGLES	±
FINISH	

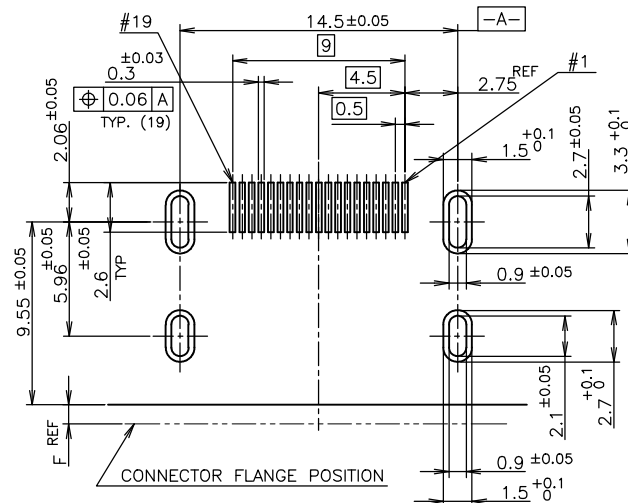
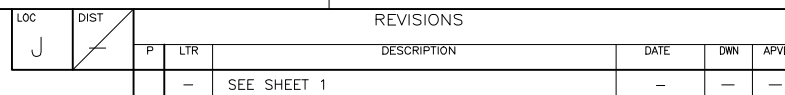
MATERIAL

DWN	CHK	APVD	PRODUCT SPEC	108-78180-1	APPLICATION SPEC	WEIGHT	CUSTOMER DRAWING
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TE Connectivity

HDMI 19 POS
 RECEPTACLE ASSY SMT TYPE
 -LEAD FREE-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1747981	
SCALE	NTS	SHEET	7 OF 9
REV	H		



Technical drawing of a mechanical part with the following dimensions:

- Overall length: 15.7 ± 0.1
- Overall width: 6.2 ± 0.1
- Top surface radius: $R0.3 \text{ MAX}$
- Top surface texture: TYP. (8)
- Top surface thickness: $4. \pm 0.1$
- Bottom surface thickness: $1. \pm 0.05$
- Inner length: 10.8 ± 0.1
- Inner width: 13.25 ± 0.1

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		 TE Connectivity	
		CHK			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME HDMI 19 POS RECEPTACLE ASSY SMT TYPE -LEAD FREE-	
		APVD			
		PRODUCT SPEC 108-78180-1			
MATERIAL		APPLICATION SPEC		SIZE	
		WEIGHT		CAGE CODE	
FINISH		DRAWING NO		RESTRICTED	
		A3		00779	
		C-1747981			
CUSTOMER DRAWING				SCALE 4:1	
				SHEET 8 of 9	
				REV H	

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

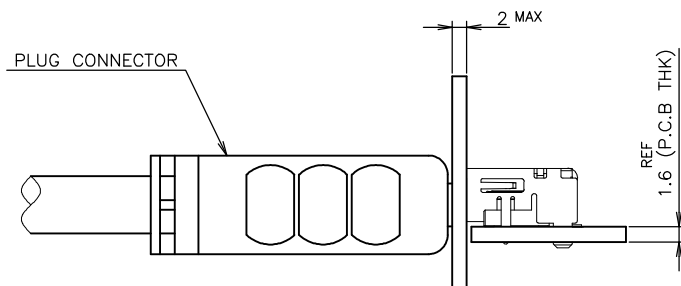
SEE SHEET 1

-

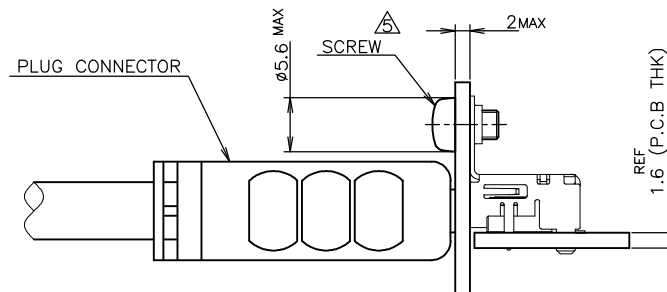
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CONNECTOR
WITHOUT FLANGE TYPE



CONNECTOR
WITH FLANGE TYPE

MATING CONDITION (REFERENCE)
(SCALE 2:1)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± 0.2
1 PLC ± 0.2
2 PLC ± 0.2
3 PLC ± 0.2
4 PLC ± 0.2
ANGLES $\pm$

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

108-78180-1

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME

HDMI 19 POS
RECEPTACLE ASSY SMT TYPE
-LEAD FREE-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1747981

SCALE 2:1

SHEET 9 OF 9

REV H