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1

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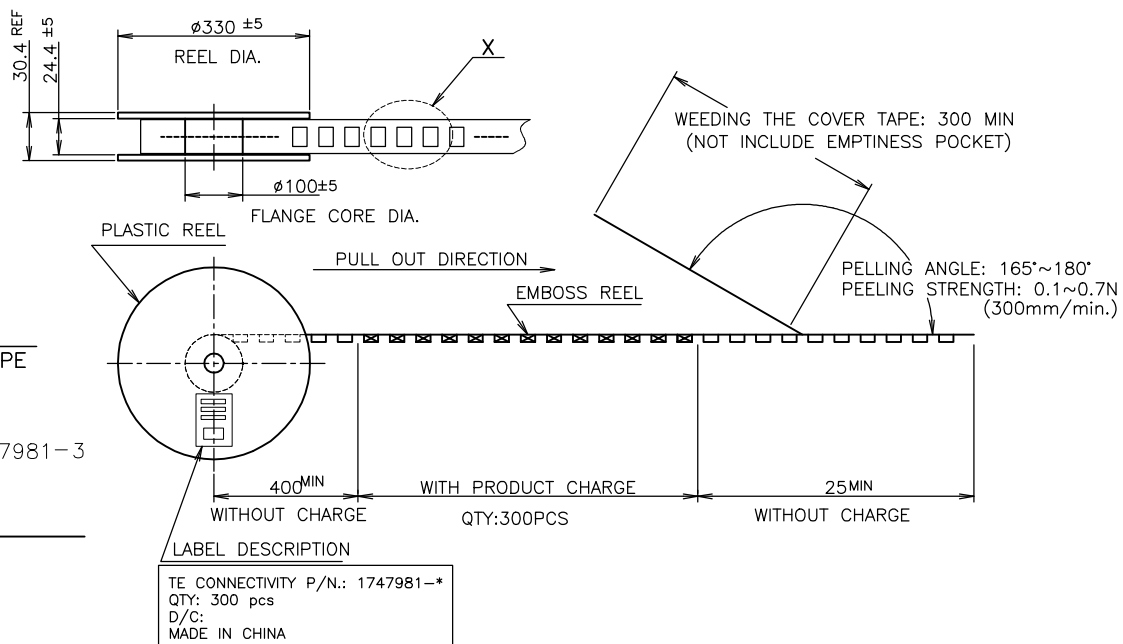
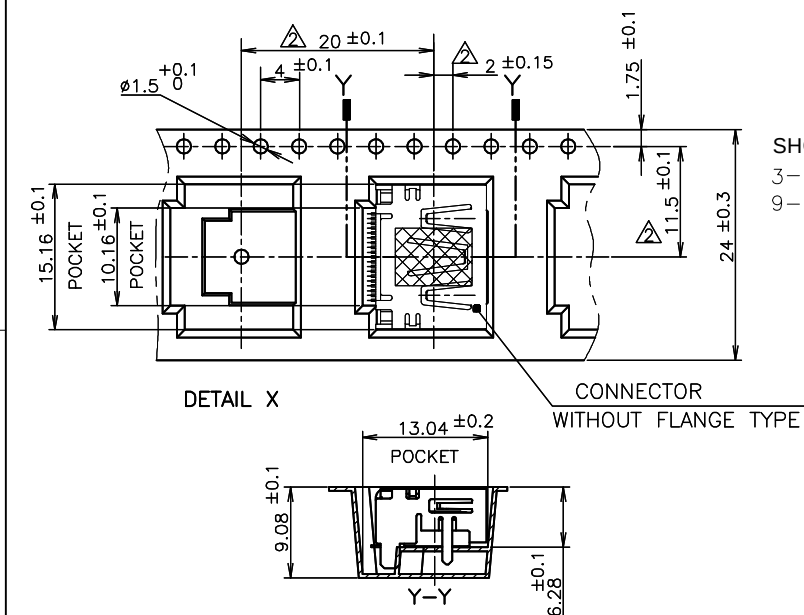
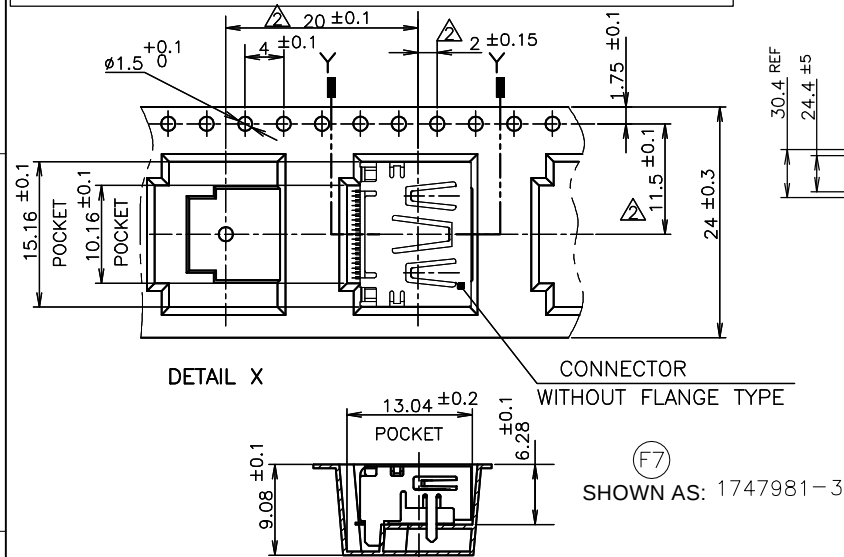
D	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	6.28	—	0.5	10.05	—	—	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 2)	WITHOUT FLANGE TYPE (SEE SHEET 8)	1747981-3 (F7)	D
	AVAILABLE	WITHOUT P/N	Au 0.76um	16.3	M3 x 0.5	0.5	10.05	10.95	7.98	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH 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	
	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	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	CLEAR TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	8-1747981-1	
	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	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	
C	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	OB
	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	
	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	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	1.5	1.5	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-8	
	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	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	WITHOUT BOSS	SOFT TRAY PACKING (SEE SHEET 4)	WITH FLANGE TYPE (SEE SHEET 7)	1-1747981-4	
B	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	
	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	OB
	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	OB
	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 BOSS.
 SCREW SIZE
 PART NUMBER MAKING

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

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

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

OB

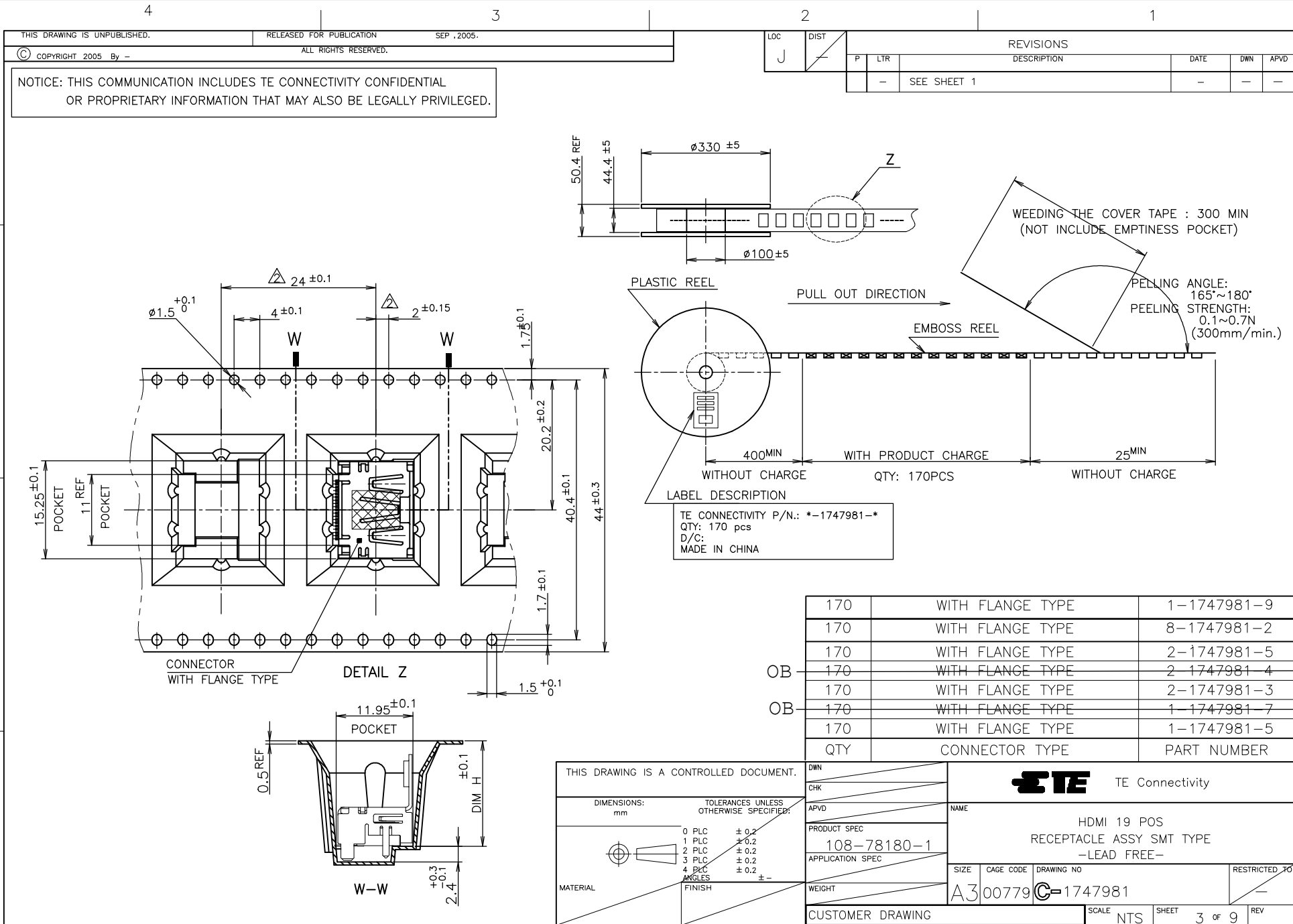
300	WITHOUT	WITHOUT FLANGE TYPE	1747981-3
300	WITH	WITHOUT FLANGE TYPE	3-1747981-2
300	WITH	WITHOUT FLANGE TYPE	9-1747981-2
300	WITH	WITHOUT FLANGE TYPE	1747981-2
300	WITH	WITHOUT FLANGE TYPE	1747981-1
QTY	MYLAR	CONNECTOR TYPE	PART NUMBER

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		CAGE CODE	
4 PLC ±0.2		DRAWING NO	
ANGLES ±		RESTRICTED TO	
MATERIAL		WEIGHT	
FINISH		CUSTOMER DRAWING	
		SCALE NTS	
		SHEET 2 of 9	
		REV G	

TE Connectivity

HDMI 19 POS
RECEPTACLE ASSY SMT TYPE
-LEAD FREE-

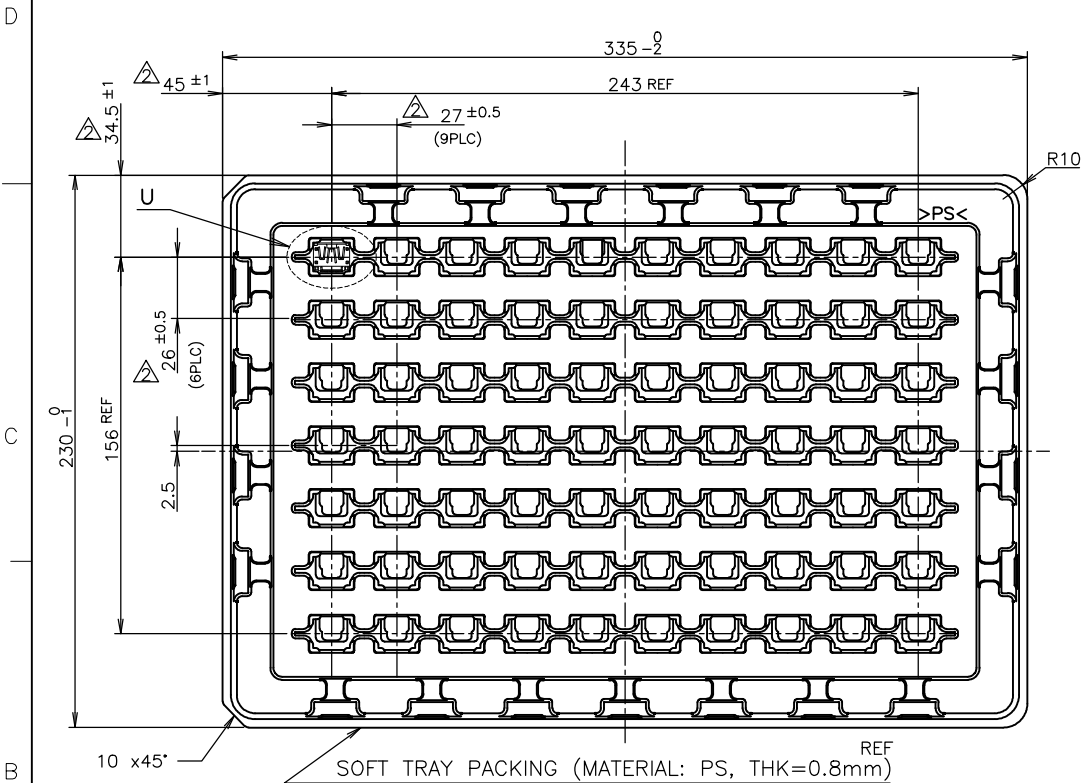
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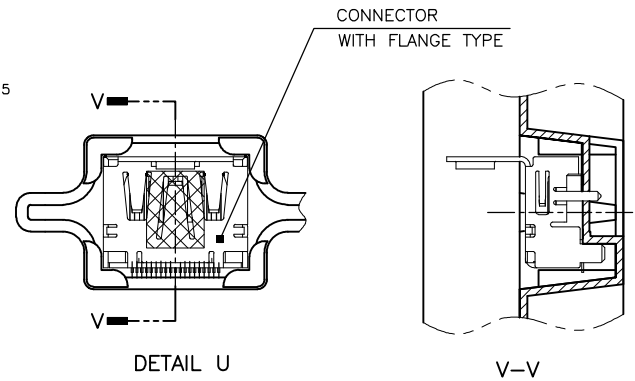
70 WITH FLANGE TYPE 1-1747981-9

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



20.8 ±5

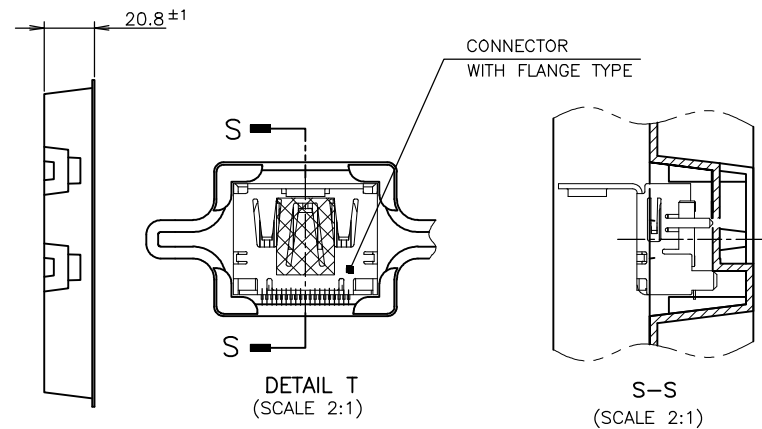
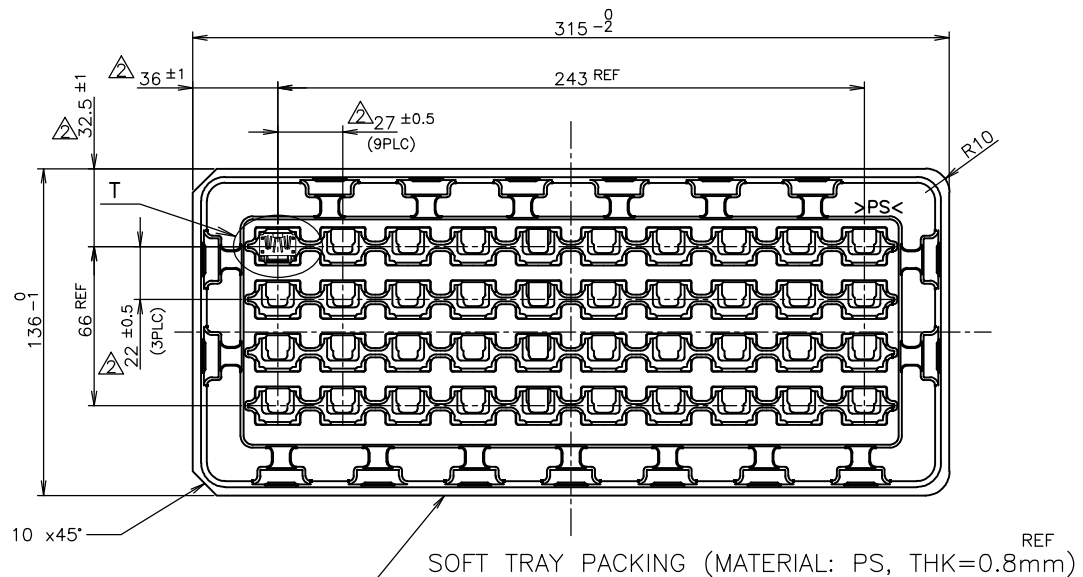


70	WITH FLANGE TYPE	9-1747981-1	OB
70	WITH FLANGE TYPE	8-1747981-1	OB
70	WITH FLANGE TYPE	3-1747981-1	B
70	WITH FLANGE TYPE	2-1747981-1	
70	WITH FLANGE TYPE	1-1747981-8	
70	WITH FLANGE TYPE	1-1747981-4	
70	WITH FLANGE TYPE	1-1747981-3	
70	WITH FLANGE TYPE	1-1747981-2	
70	WITH FLANGE TYPE	1-1747981-1	
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	

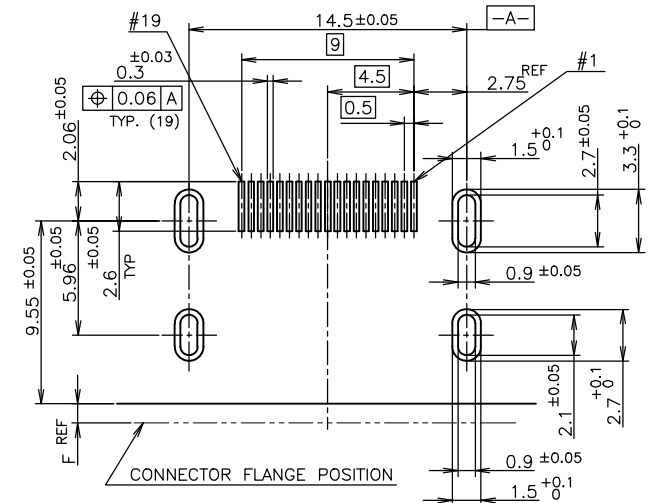
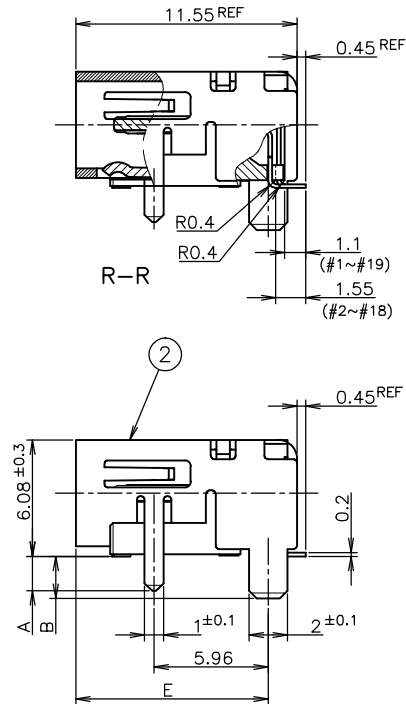
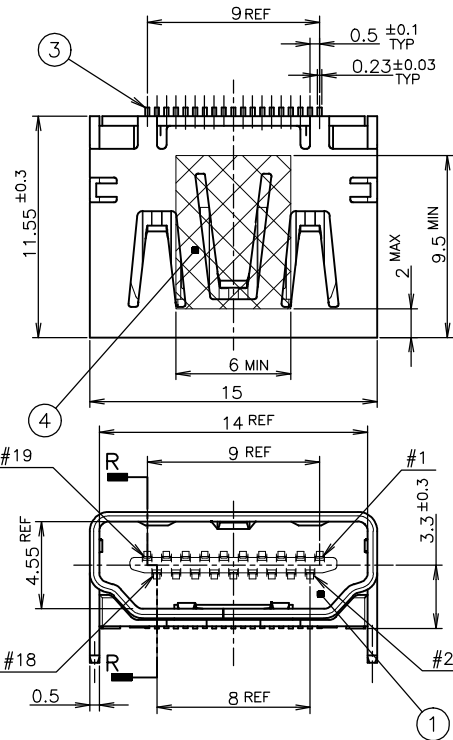
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
J	-	SEE SHEET 1		-	-	-	



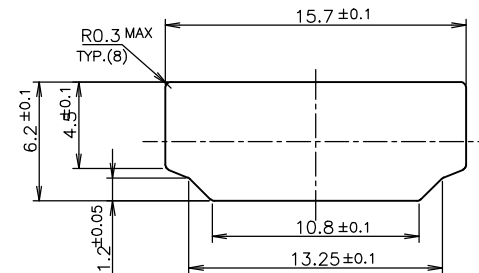
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		CHK		APVD		NAME	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		HDMI 19 POS RECEPTACLE ASSY SMT TYPE -LEAD FREE-	
0 PLC ±0.2		1 PLC ±0.2		2 PLC ±0.2		3 PLC ±0.2		4 PLC ±0.2	
ANGLES ±-		FINISH		108-78180-1		SIZE		CAGE CODE	
MATERIAL		WEIGHT		A3		00779		C=1747981	
CUSTOMER DRAWING		SCALE		NTS		SHEET		5 of 9	
								REV	

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



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



PANEL CUT OUT DIMENSION
 (REFERENCE)

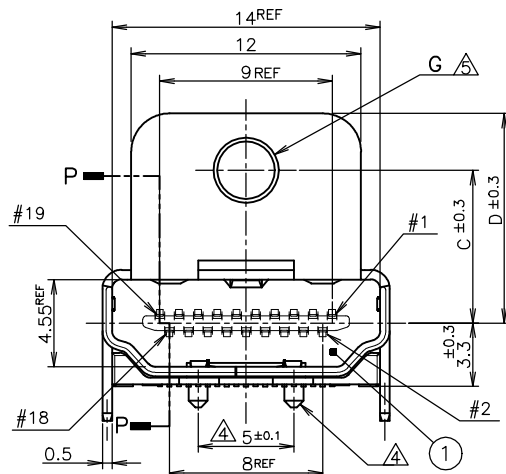
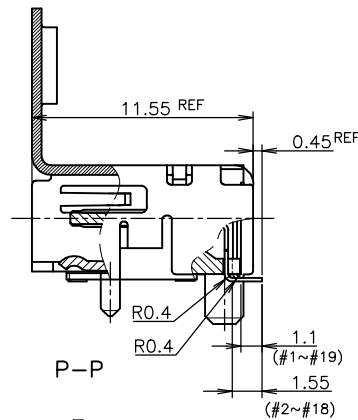
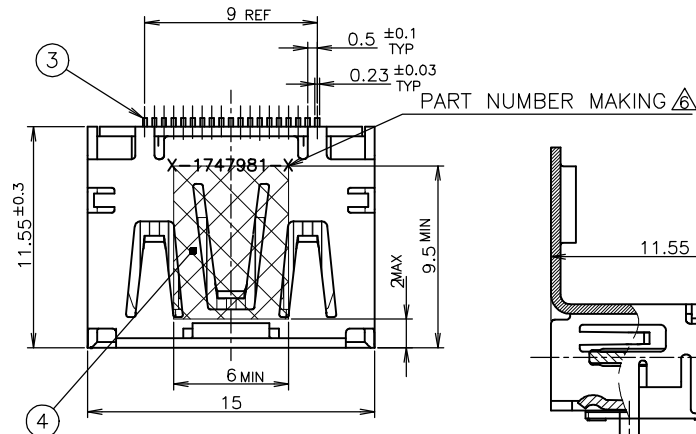
CONNECTOR WITHOUT FLANGE TYPE

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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		CHK		APVD		NAME	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		HDMI 19 POS RECEPTACLE ASSY SMT TYPE -LEAD FREE-	
MATERIAL		FINISH		108-78180-1		WEIGHT		A3 00779 C-1747981	
				CUSTOMER DRAWING		SCALE 4:1		SHEET 6 OF 9	

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



CONNECTOR WITH FLANGE TYPE

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

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:

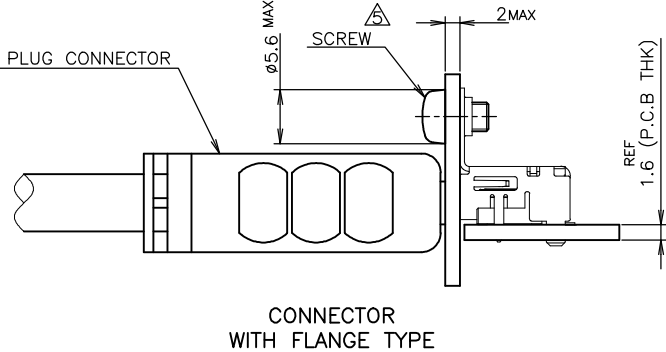
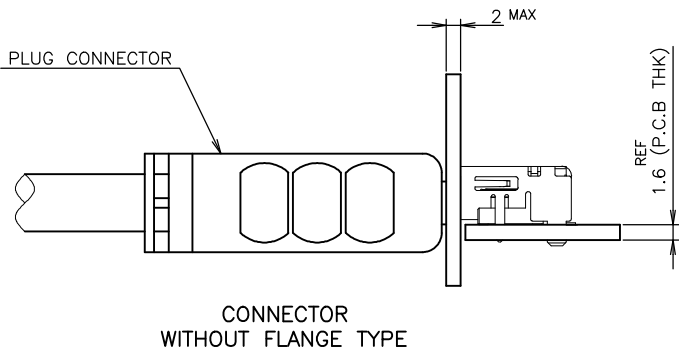
0 PLC	± 0.2
1 PLC	± 0.2
2 PLC	± 0.2
3 PLC	± 0.2
4 PLC	± 0.2
ANGLES	±

MATERIAL FINISH

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

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

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MATING CONDITION (REFERENCE)
(SCALE 2:1)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0 PLC ± 0.2

1 PLC ± 0.2

2 PLC ± 0.2

3 PLC ± 0.2

4 PLC ± 0.2

ANGLES ± -

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME

HDMI 19 POS
RECEPTACLE ASSY SMT TYPE
-LEAD FREE-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C-1747981

SCALE 2:1

SHEET 9 OF 9

REV