

4										3										2										1																																																											
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NOTICE: THIS COMMUNICATION INCLUDES TE CONNECTIVITY CONFIDENTIAL OR PROPRIETARY INFORMATION THAT MAY ALSO BE LEGALLY PRIVILEGED.										F8																				04MAR19										T.ZH										S.L																																							

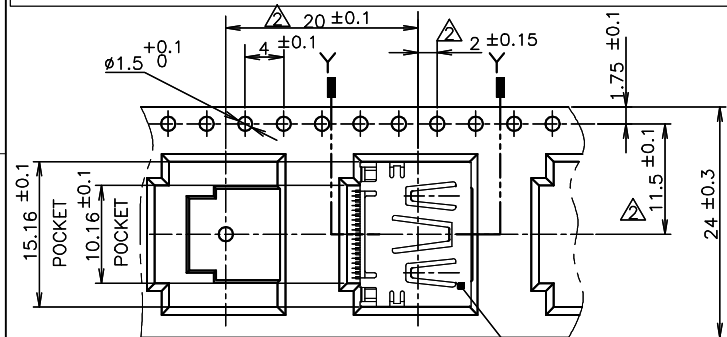
D	AVAILABLE	WITHOUT P/N	Au 0.1um MIN OVER PdNi 0.2um MIN	6.28	-	0.5	10.05	-	-	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 2)	WITHOUT FLANGE TYPE (SEE SHEET 8)	1747981-3	F7
	AVAILABLE	WITHOUT P/N	Au 0.76um	16.3	M3 x 0.5	0.5	10.05	10.95	7.98	2.2	1.8	WITHOUT BOSS	EMBOSS PACKING (SEE SHEET 3)	WITH FLANGE 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	
	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	
	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	
	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	
	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	
	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	
	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	
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	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	
	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										TE Connectivity																																																	
CHK T.KIMURA 15SEP2005										NAME										HDMI 19 POS																																																	
APVD K.IKEGAMI 15SEP2005										PRODUCT SPEC										RECEPTACLE ASSY SMT TYPE																																																	
108-78180-1										APPLICATION SPEC										-LEAD FREE-																																																	
DIMENSIONS: mm										TOLERANCES UNLESS OTHERWISE SPECIFIED:										SIZE CAGE CODE DRAWING NO										RESTRICTED TO																																							
0 PLC ± 0.2										1 PLC ± 0.2										2 PLC ± 0.2										3 PLC ± 0.2										4 PLC ± 0.2										ANGLES ±																			
MATERIAL										FINISH										WEIGHT										CUSTOMER DRAWING										SCALE NTS										SHEET 1 of 9										REV F8									

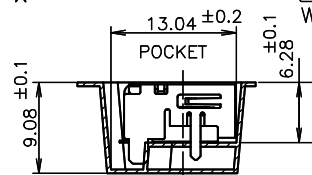
LOC		DIST		REVISIONS			
J				DESCRIPTION	DATE	DWN	APVD
				P LTR			
				-	SEE SHEET 1	-	-

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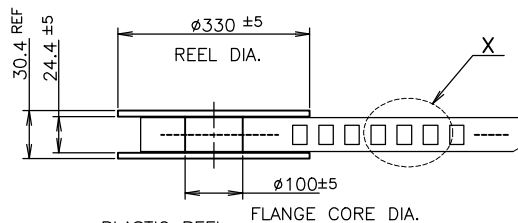


DETAIL X

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

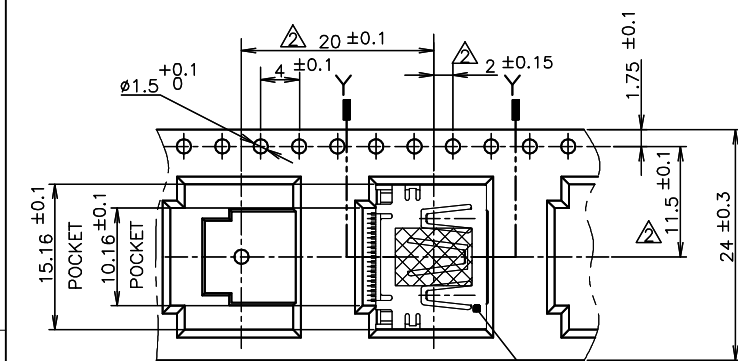
25 MIN
WITHOUT CHARGE

LABEL DESCRIPTION

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

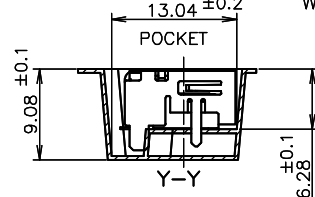
SHOWN AS:
3-1747981-2
9-1747981-2
1747981-2
1747981-1

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



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



TE Connectivity

HDMI 19 POS

RECEPTACLE ASSY SMT TYPE

-LEAD FREE-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

000779

C=1747981

REV

F8

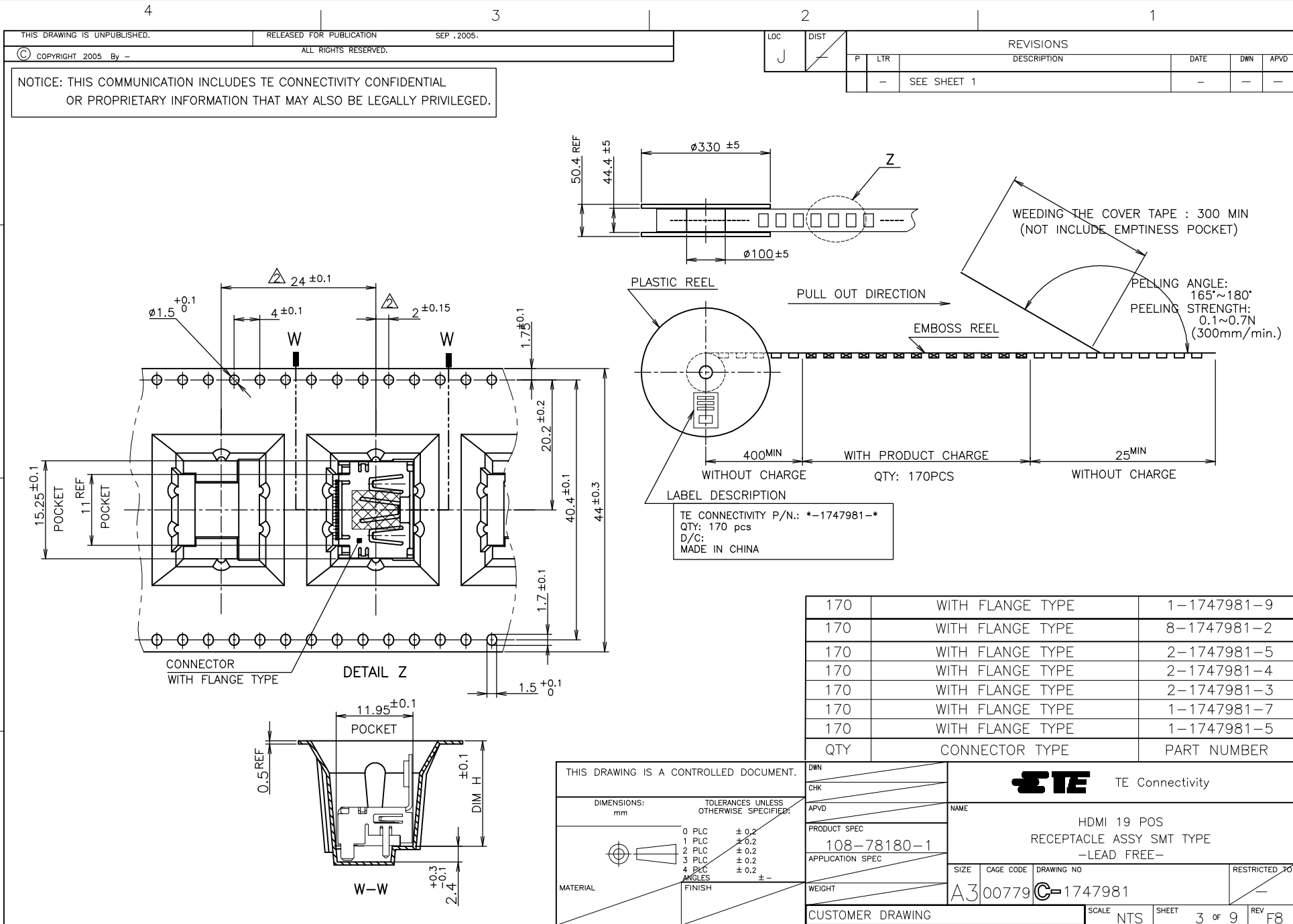
SCALE

NTS

SHEET

2 of 9

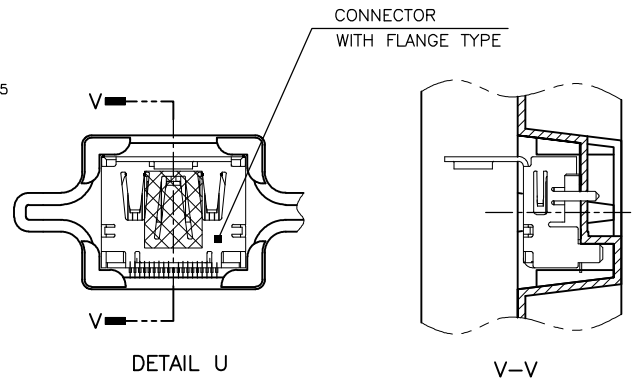
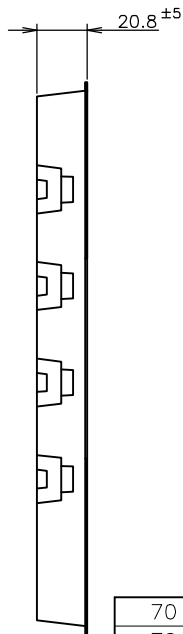
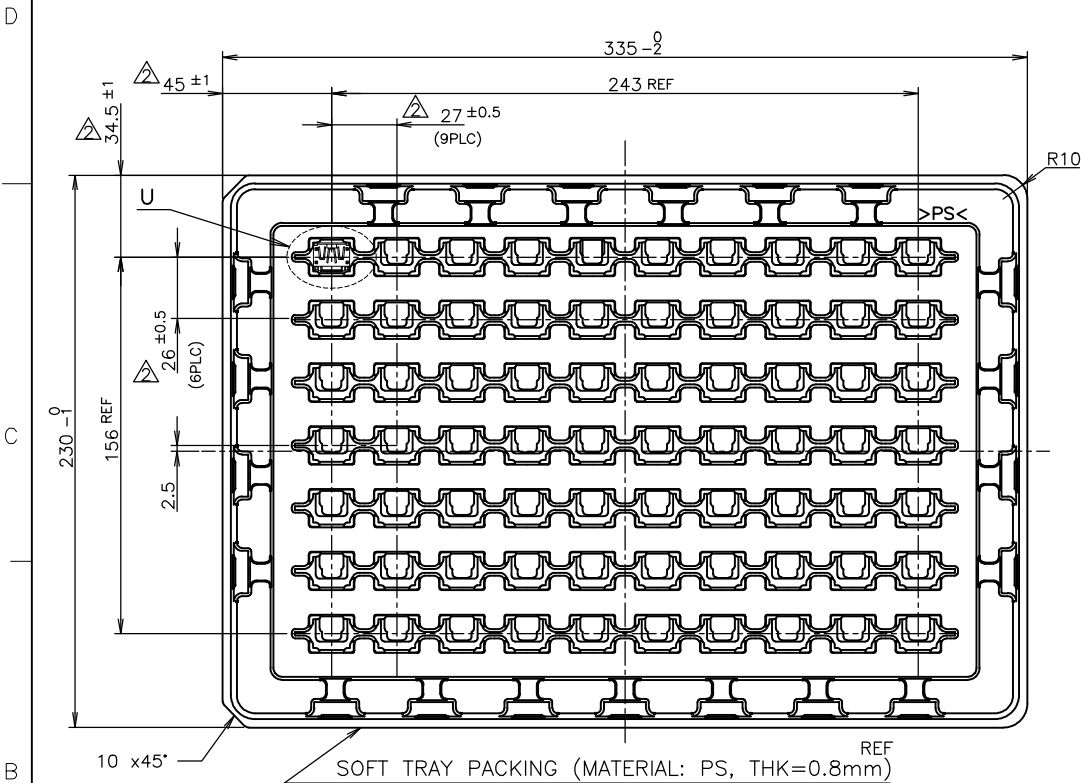
REV



70 WITH FLANGE TYPE 1-1747981-9

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



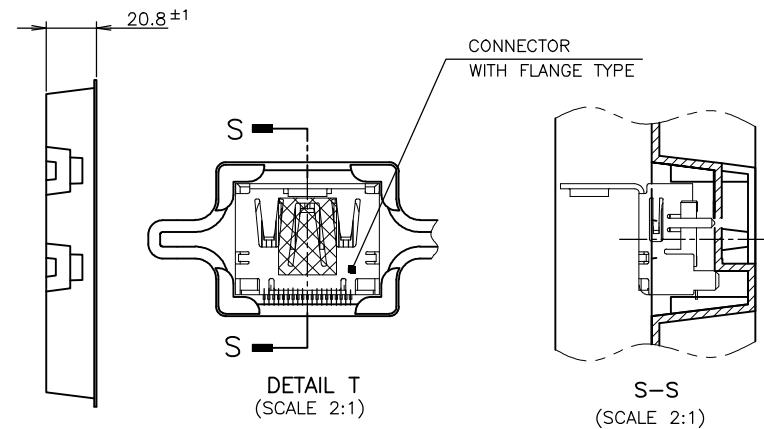
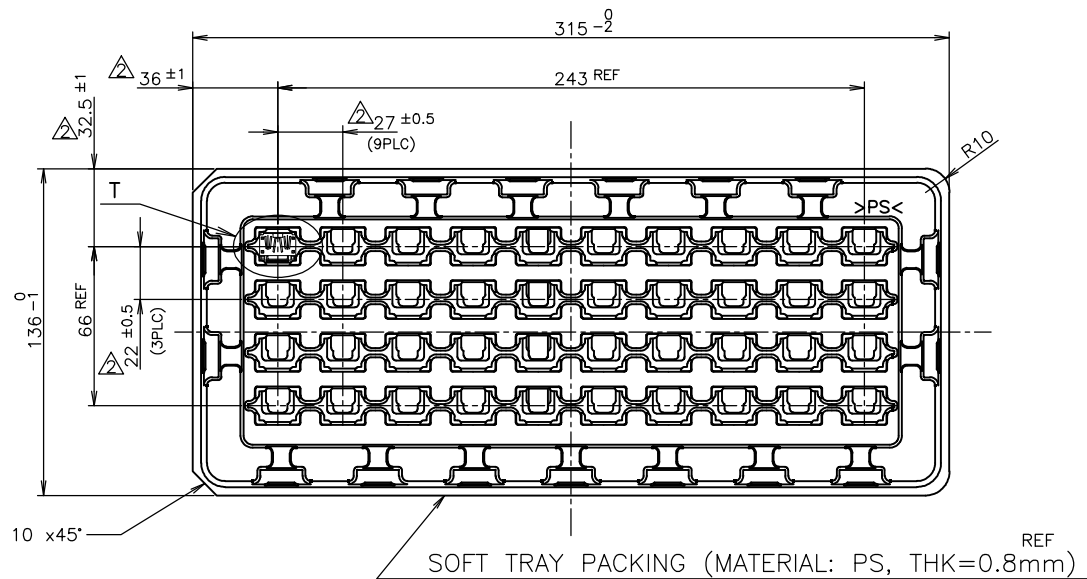
70	WITH FLANGE TYPE	9-1747981-1
70	WITH FLANGE TYPE	8-1747981-1
70	WITH FLANGE TYPE	3-1747981-1
70	WITH FLANGE TYPE	2-1747981-1
70	WITH FLANGE TYPE	1-1747981-8
70	WITH FLANGE TYPE	1-1747981-4
70	WITH FLANGE TYPE	1-1747981-3
70	WITH FLANGE TYPE	1-1747981-2
70	WITH FLANGE TYPE	1-1747981-1
QTY	CONNECTOR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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		CHK		APVD	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC	
0 PLC ±0.2		1 PLC ±0.2		2 PLC ±0.2		3 PLC ±0.2	
4 PLC ±0.2		ANGLES ±0.2		MATERIAL		FINISH	
108-78180-1		108-78180-1		108-78180-1		108-78180-1	
A3		00779		C=1747981		RESTRICTED TO	
CUSTOMER DRAWING		SCALE NTS		SHEET 4 of 9		REV F8	

TE Connectivity		NAME		HDMI 19 POS		RECEPTACLE ASSY SMT TYPE	
108-78180-1		108-78180-1		108-78180-1		108-78180-1	
A3		00779		C=1747981		RESTRICTED TO	
CUSTOMER DRAWING		SCALE NTS		SHEET 4 of 9		REV F8	

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



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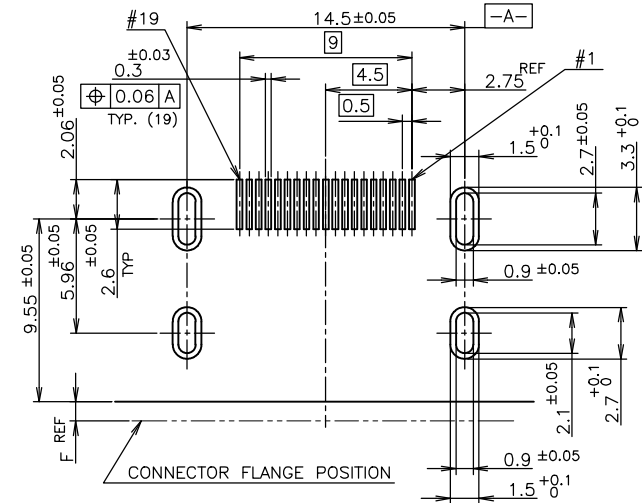
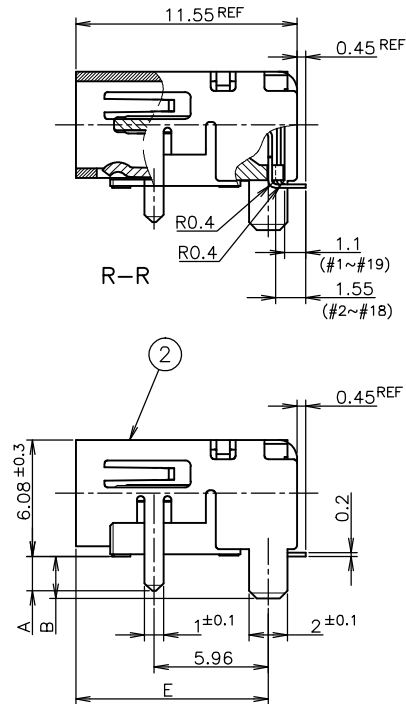
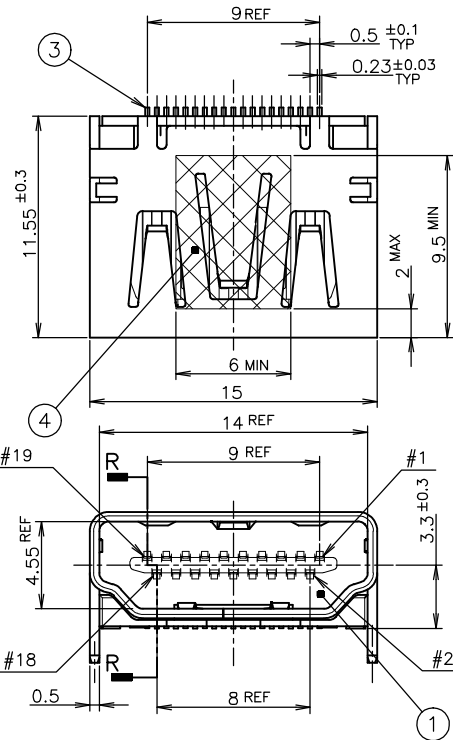
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0 PLC	± 0.2	1 PLC	± 0.2
2 PLC	± 0.2	3 PLC	± 0.2
4 PLC	± 0.2	ANGLES	± 0.3
MATERIAL		FINISH	± 0.3

40		WITH FLANGE TYPE		1-1747981-6	
QTY		CONNECTOR TYPE		PART NUMBER	
DWN		TE Connectivity			
CHK					
APVD					
PRODUCT SPEC					
108-78180-1		HDMI 19 POS RECEPTACLE ASSY SMT TYPE -LEAD FREE-			
APPLICATION SPEC					
WEIGHT					
A3		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
00779				C-1747981	-
CUSTOMER DRAWING				SCALE	NTS
				SHEET	5 of 9
				REV	F8

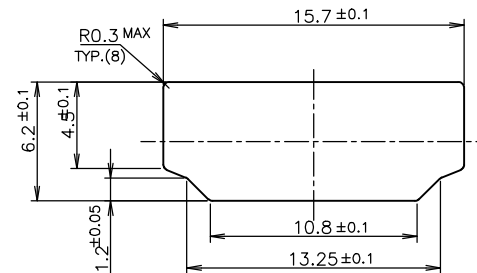
TE Connectivity

HDMI 19 POS
RECEPTACLE ASSY SMT TYPE
-LEAD FREE-

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)



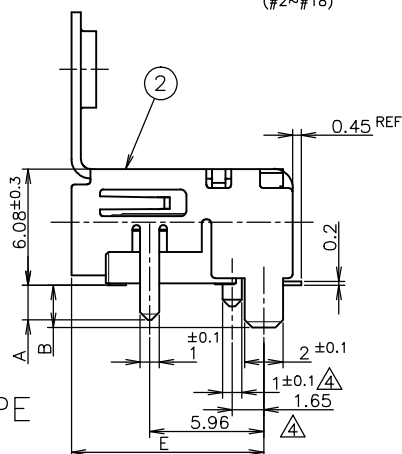
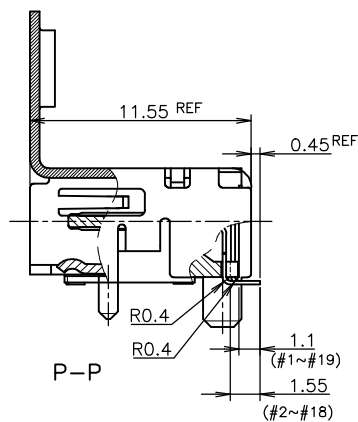
PANEL CUT OUT DIMENSION
 (REFERENCE)

CONNECTOR WITHOUT FLANGE TYPE

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Thickness: 0.08mm color: Brown	POLYIMIDE	1	POLYIMIDE TAPE	④
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

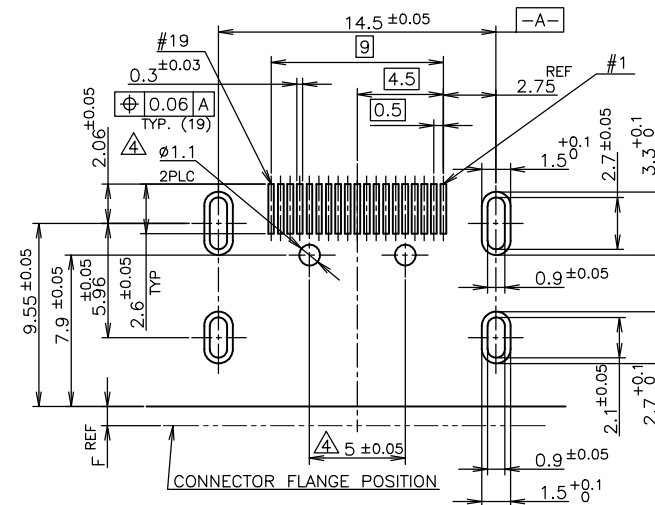
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		CHK		APVD		NAME	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		HDMI 19 POS RECEPTACLE ASSY SMT TYPE -LEAD FREE-	
MATERIAL		FINISH		108-78180-1		A300779		C-1747981	
CUSTOMER DRAWING		SCALE 4:1		SHEET 6 OF 9		REV F8		RESTRICTED TO	



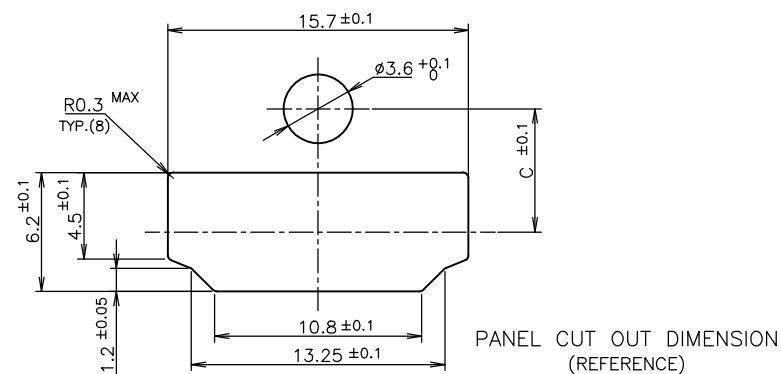
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN		 TE Connectivity	
		CHK			
DIMENSIONS: mm		APVD		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		HDMI 19 POS	
		108-78180-1		RECEPTACLE ASSY SMT TYPE	
0 PLC ± 0.2 1 PLC ± 0.2 2 PLC ± 0.2 3 PLC ± 0.2 4 PLC ± 0.2 ANGLES ± 0.2		APPLICATION SPEC		-LEAD FREE-	
MATERIAL		WEIGHT		SIZE	RESTRICTED TO
FINISH		A3		CAGE CODE 00779	DRAWING NO C-1747981
CUSTOMER DRAWING				SCALE NTS	SHEET 7 of 9
				REV	F8

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



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



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

D

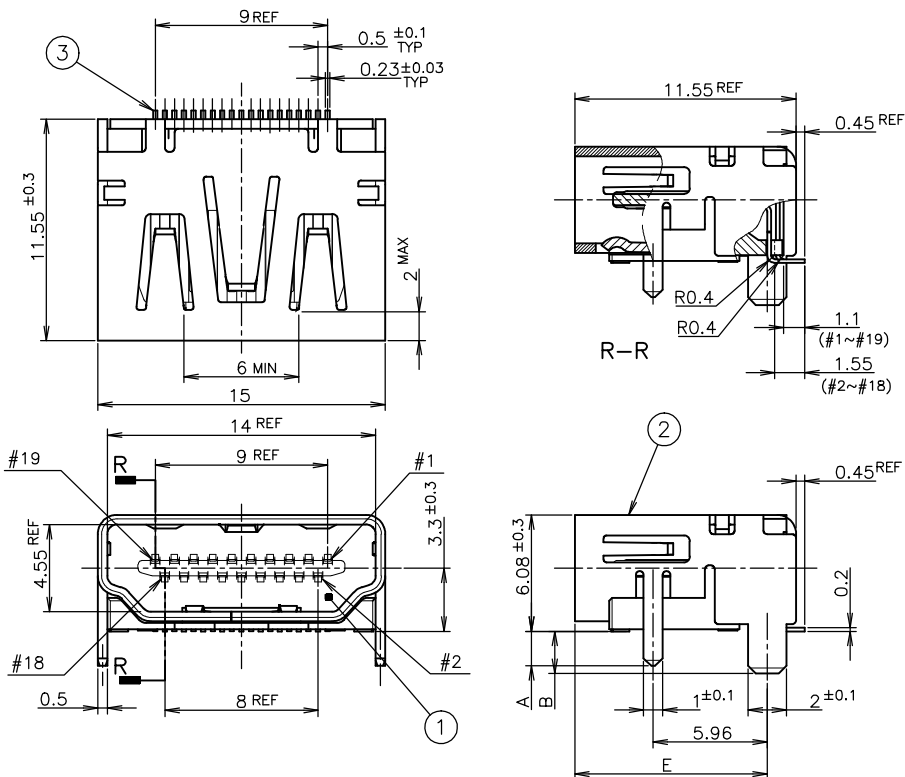
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C

C

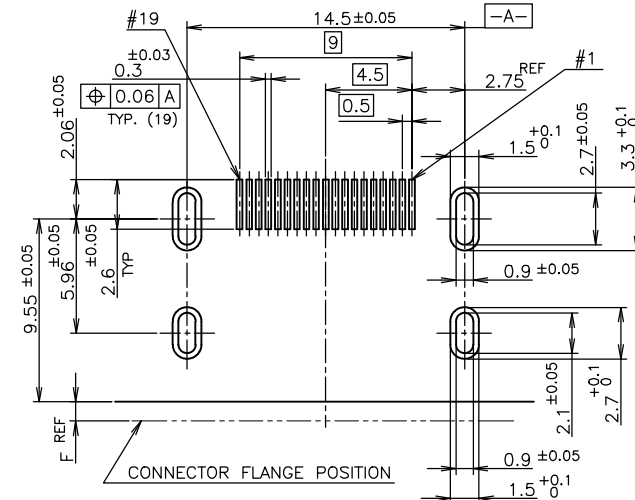
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B

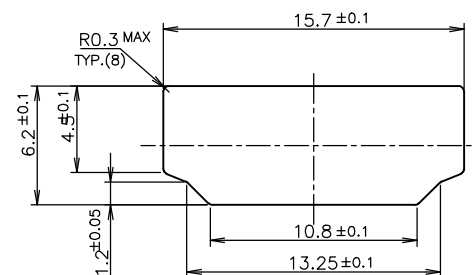


CONNECTOR WITHOUT FLANGE TYPE

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



PANEL CUT OUT DIMENSION
(REFERENCE)

A

A

FINISH	MATERIAL	QTY	DISCRIPTION	ITEM
	COPPER ALLOY	19	CONTACT	③
	COPPER ALLOY	1	SHELL	②
	THERMOPLASTIC UL94V-0, BLACK COLOR	1	HOUSING	①

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		HDMI 19 POS RECEPTACLE ASSY SMT TYPE -LEAD FREE-	
MATERIAL		FINISH		WEIGHT		CUSTOMER DRAWING		RESTRICTED TO	
0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.2 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±		108-78180-1		A300779		C-1747981		SCALE 4:1 SHEET 8 OF 9 REV F8	

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SEP , 2005.

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

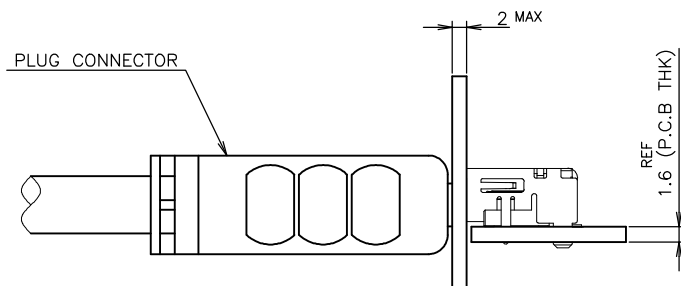
SEE SHEET 1

-

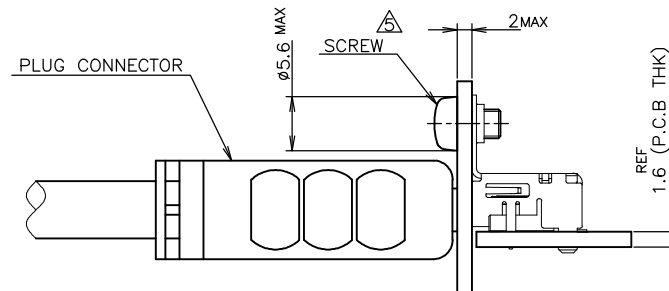
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CONNECTOR
WITHOUT FLANGE TYPE



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

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 F8

Mouser Electronics

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