



THE DATASHEET OF
3-5177986-3

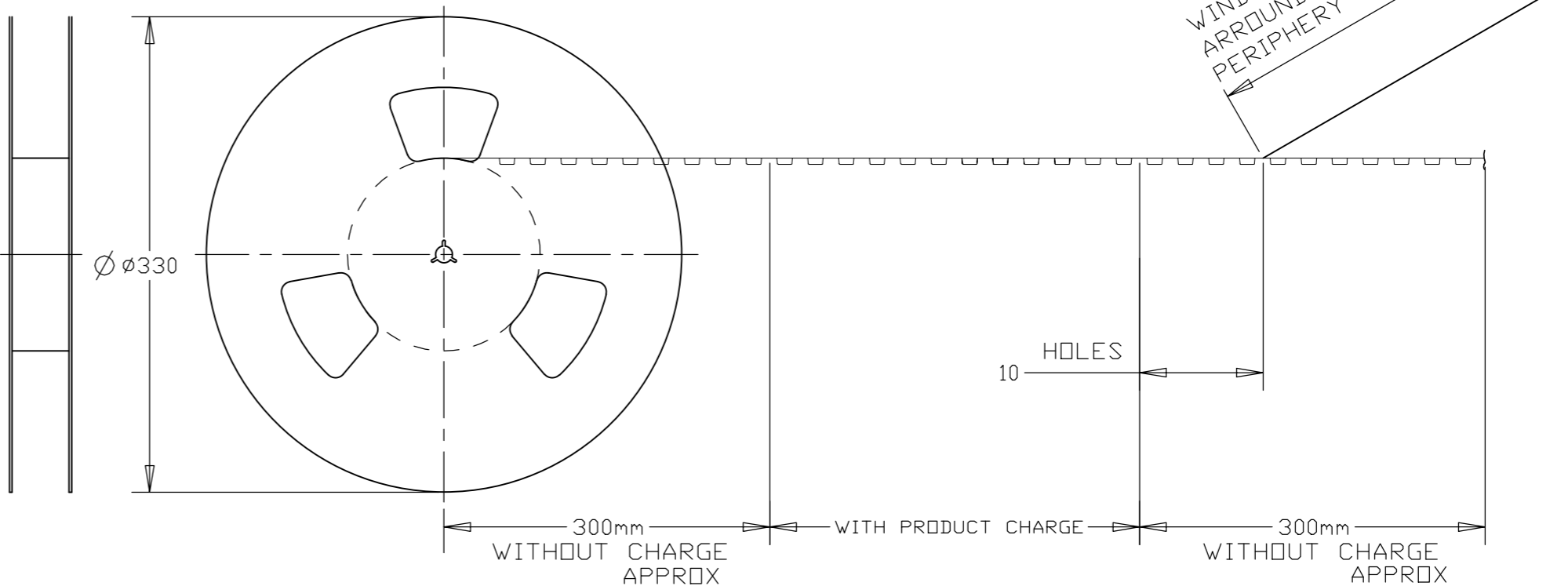
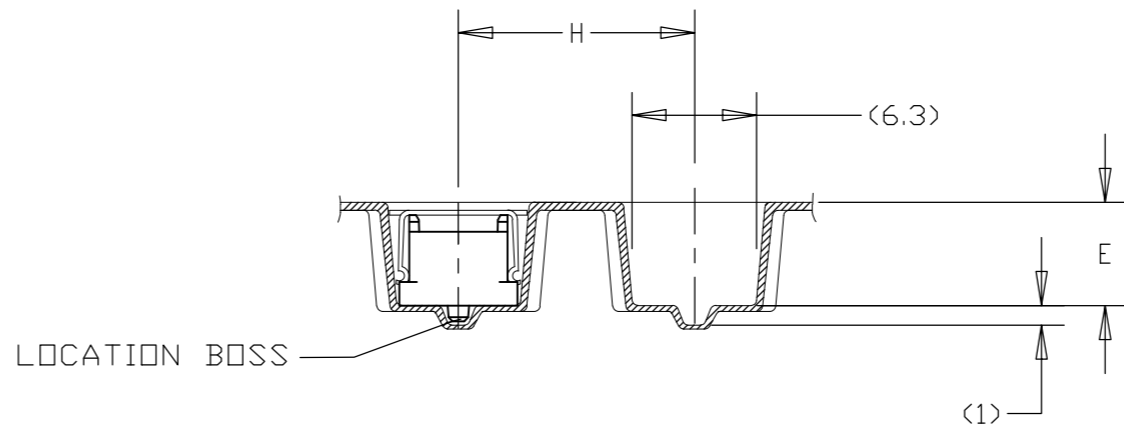
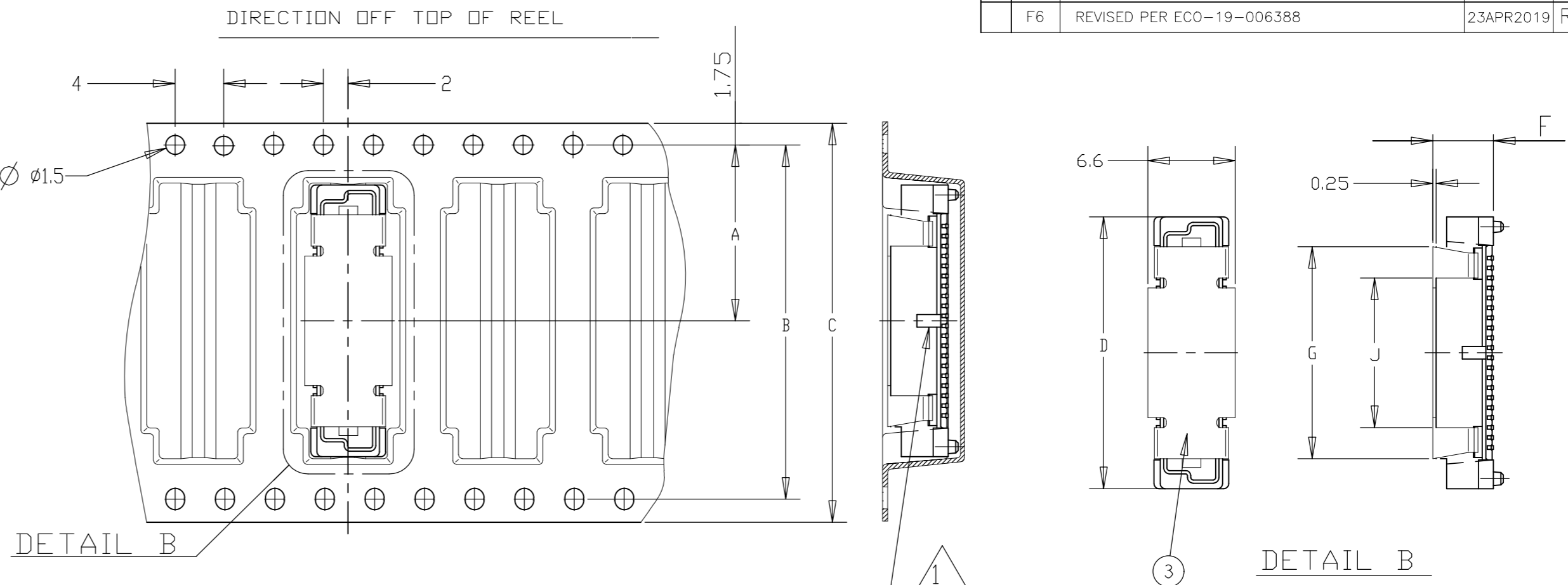


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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
F6		REVISED PER ECO-19-006388	23APR2019	R.L. H.L.

- Notes:
- 1 CUTOUT FEATURE AVAILABLE ONLY ON 5H ASSY P/N -1 (40P) AND -2 (60P).
 - 2 0.00038 MIN GOLD PLATING (15u INCHES GOLD PLATING)
 - 3 CONNECTOR DIMENSIONS REFERENCED FROM DRAWING WHICH CONN. P/NS BASED
 - 4 CONNECTOR WITH BLACK HOUSING
 - 5 MATERIAL: HOUSING: L.C.P UL 94-V0. COLOR: NATURAL EXCEPT FOR NOTE 4 CONTACT: BRASS

LOW HALOGEN



REMARKS	QTY	HEIGHT TYPE	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.																	
0.00076 MIN GOLD PLATING (30u INCHES GOLD PLATING)	↑	7H	3.6	6.6	12	6.85	7.25	21.8	32	28.4	14.2	40	61.8	88	84.4	42.2	140	7-	-6													
													53.8	72	68.4	34.2	120	7-	-5													
													45.8	56	52.4	26.2	100	7-	-4													
													37.8	44	40.4	20.2	80	7-	-3													
													29.8	32	28.4	14.2	60	7-	-2													
													21.8	20	20.2	14.2	40	7-	-1													
													69.8	160	6-	-8																
													61.8	140	6-	-6																
													53.8	120	6-	-5																
													45.8	100	6-	-4																
													37.8	80	6-	-3																
													29.8	60	6-	-2																
0.00076 MIN GOLD PLATING (30u INCHES GOLD PLATING)	↑	6H	2.6	5.6	12	5.85	6.25	21.8	32	28.4	14.2	40	85.8	104	100.4	50.2	200	5-	-0													
													69.8	88	84.4	42.2	160	5-	-8													
													61.8	72	68.4	34.2	140	5-	-6													
													53.8	56	52.4	26.2	120	5-	-5													
													45.8	44	40.4	20.2	100	5-	-4													
													37.8	32	28.4	14.2	80	5-	-3													
													29.8	20	20.2	14.2	60	5-	-2													
													900	5H	1.2	4.6	12	12	17	4.85	5.25	21.8	32	28.4	14.2	40	5-5177986-1	5-	-2			
													550	6H	2.6	5.6	12	16	17	5.85	6.25	69.8	88	84.4	42.2	160	9-5177986-8	5-	-8			
													550	6H	2.6	5.6	12	16	17	5.85	6.25	53.8	72	68.4	34.2	120	9-5177986-5	5-	-5			
													900	5H	1.2	4.6	12	12	17	4.85	5.25	37.8	56	52.4	26.2	80	8-5177986-3	5-	-3			
													450	7H	3.6	6.6	12	16	17	6.85	7.25	53.8	72	68.4	34.2	120	4-5177986-5	5-	-5			
0.0002 MIN GOLD PLATING (7.8u INCHES GOLD PLATING)	↑	8H	4.6	7.6	12	7.85	8.25	21.8	32	28.4	14.2	40	85.8	104	100.4	50.2	200	4-	-0													
													77.8	88	84.4	42.2	180	3-	-9													
													69.8	72	68.4	34.2	160	3-	-8													
													61.8	56	52.4	26.2	140	3-	-6													
													53.8	44	40.4	20.2	120	3-	-5													
													45.8	32	28.4	14.2	100	3-	-4													
													37.8	20	20.2	14.2	80	3-	-3													
													29.8	16	16	14.2	60	3-	-2													
													21.8	12	12	14.2	40	3-	-1													
													21.8	32	28.4	14.2	40	2-5177986-1	2-	-1												
													500	7H	3.6	6.6	16	6.85	7.25	21.8	32	28.4	14.2	40	2-5177986-0	2-	-0					
													0.0002 MIN GOLD PLATING (7.8u INCHES GOLD PLATING)	↑	6H	2.6	5.6	12	5.85	6.25	21.8	32	28.4	14.2	40	85.8	104	100.4	50.2	200	1-	-6
69.8	88	84.4	42.2	160	1-	-8																										
61.8	72	68.4	34.2	140	1-	-6																										
53.8	56	52.4	26.2	120	1-	-5																										
45.8	44	40.4	20.2	100	1-	-4																										
37.8	32	28.4	14.2	80	1-	-3																										
29.8	20	20.2	14.2	60	1-	-2																										
21.8	16	16	14.2	40	1-5177986-1	1-	-1																									
21.8	32	28.4	14.2	40	1-5177986-0	1-	-0																									
800	6H	2.6	5.6	12	5.85	6.25	21.8	32	28.4	14.2	40	1-5177986-1														1-	-1					
0.0002 MIN GOLD PLATING (7.8u INCHES GOLD PLATING)	↑	5H	1.2	4.6	12	4.85	5.25	21.8	32	28.4	14.2	40														85.8	104	100.4	50.2	200	1-	-6
																										69.8	88	84.4	42.2	160	1-	-8
													61.8	72	68.4	34.2	140	1-	-6													
													53.8	56	52.4	26.2	120	1-	-5													
													45.8	44	40.4	20.2	100	1-	-4													
													37.8	32	28.4	14.2	80	1-	-3													
													29.8	20	20.2	14.2	60	1-	-2													
													21.8	16	16	14.2	40	1-5177986-1	1-	-1												
													21.8	32	28.4	14.2	40	1-5177986-0	1-	-0												
													900	5H	1.2	4.6	12	12	17	4.85	5.25	21.8	32	28.4	14.2	40	5177986-1	5-	-1			

STEEL COVER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN FLORENCE TAN 30AUG2004			TE Connectivity	
DIMENSIONS: mm		CHK ERIC TNG 30MAY2012			NAME PLUG ASSEMBLY, FH 0.8 ON TAPING (EMBOSS) 0.5 BOSS LENGTH	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SF LEONG 30MAY2012	PRODUCT SPEC		SIZE A2	CAGE CODE 00779
0 PLC ± -		APPLICATION SPEC		DRAWING NO C=5177986	RESTRICTED TO	
1 PLC ± 0.2		WEIGHT 0		SCALE 1:1	SHEET 1 of 4	
2 PLC ± 0.15		CUSTOMER DRAWING		REV F6		
3 PLC ± 0.1						
4 PLC ± -						
ANGLES ± -						
FINISH						

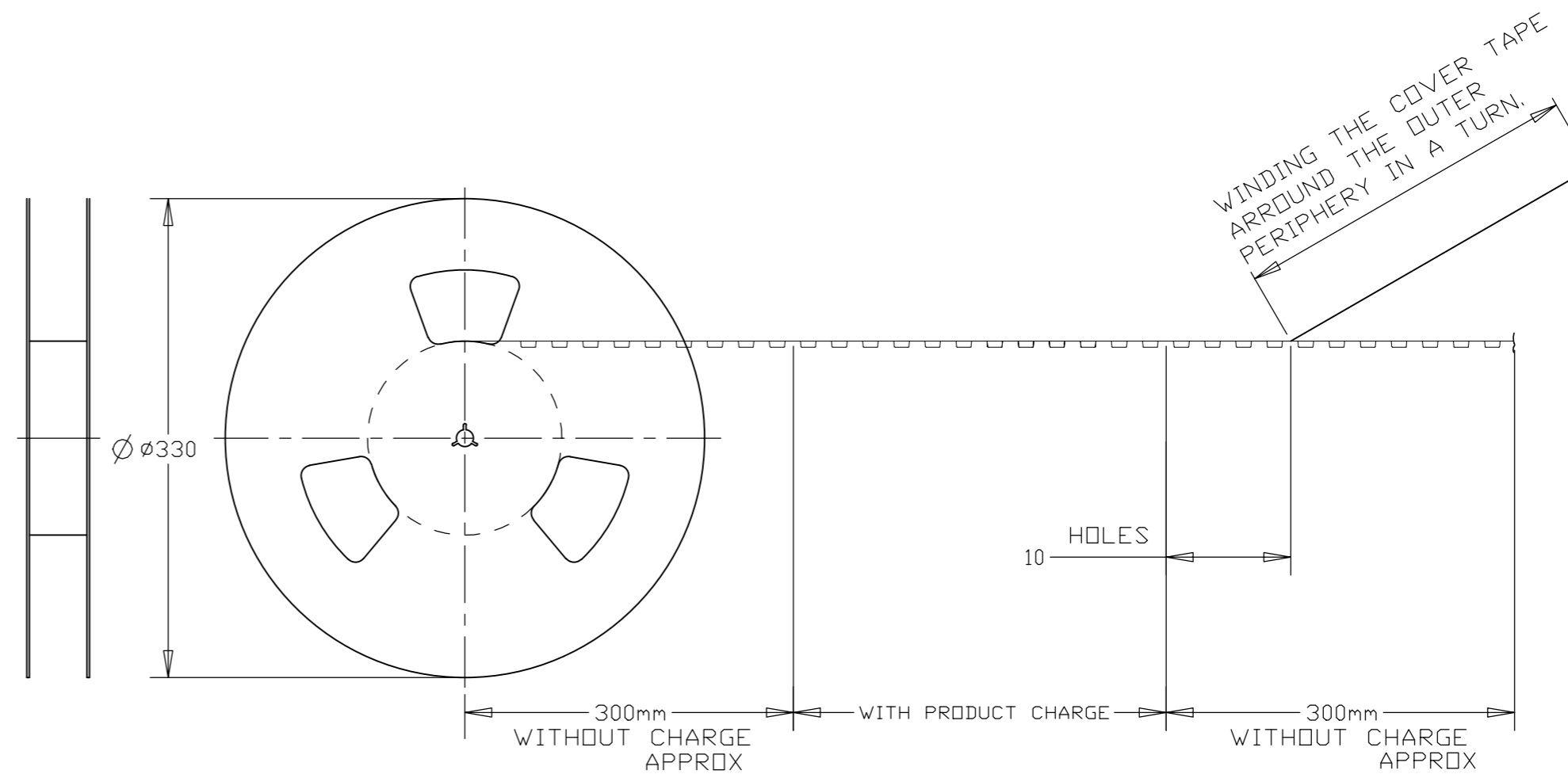
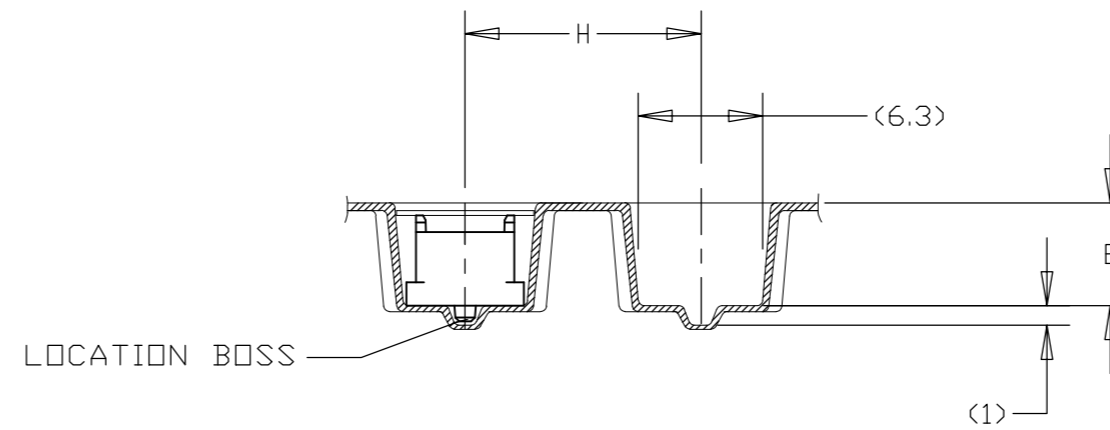
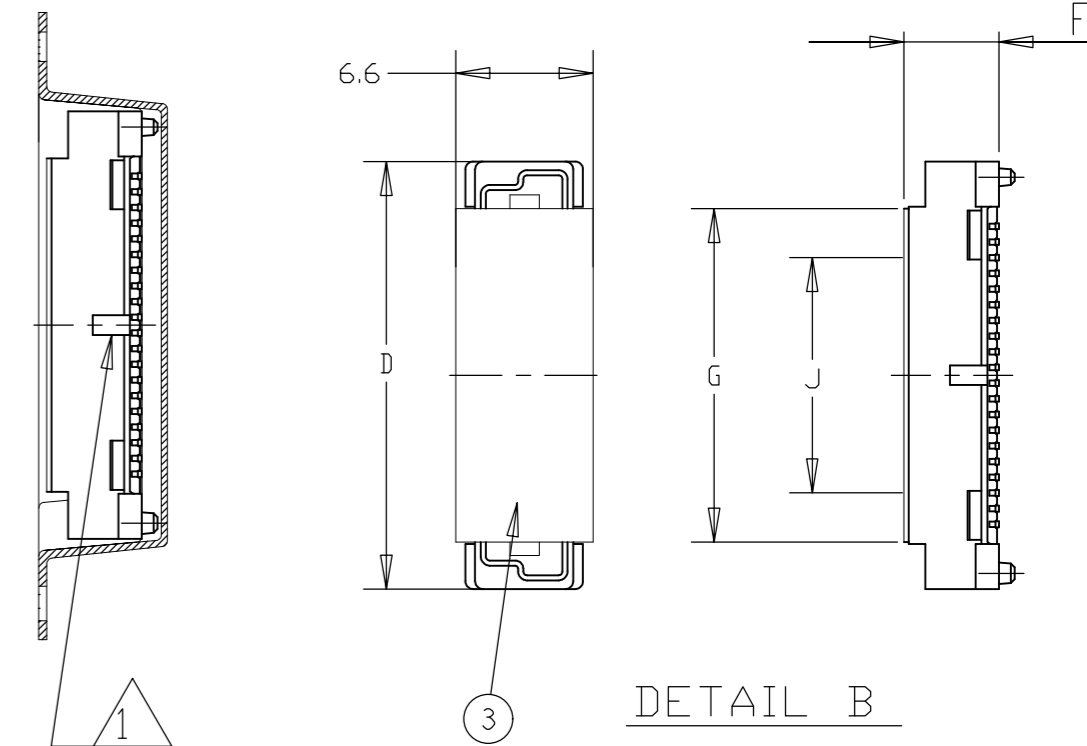
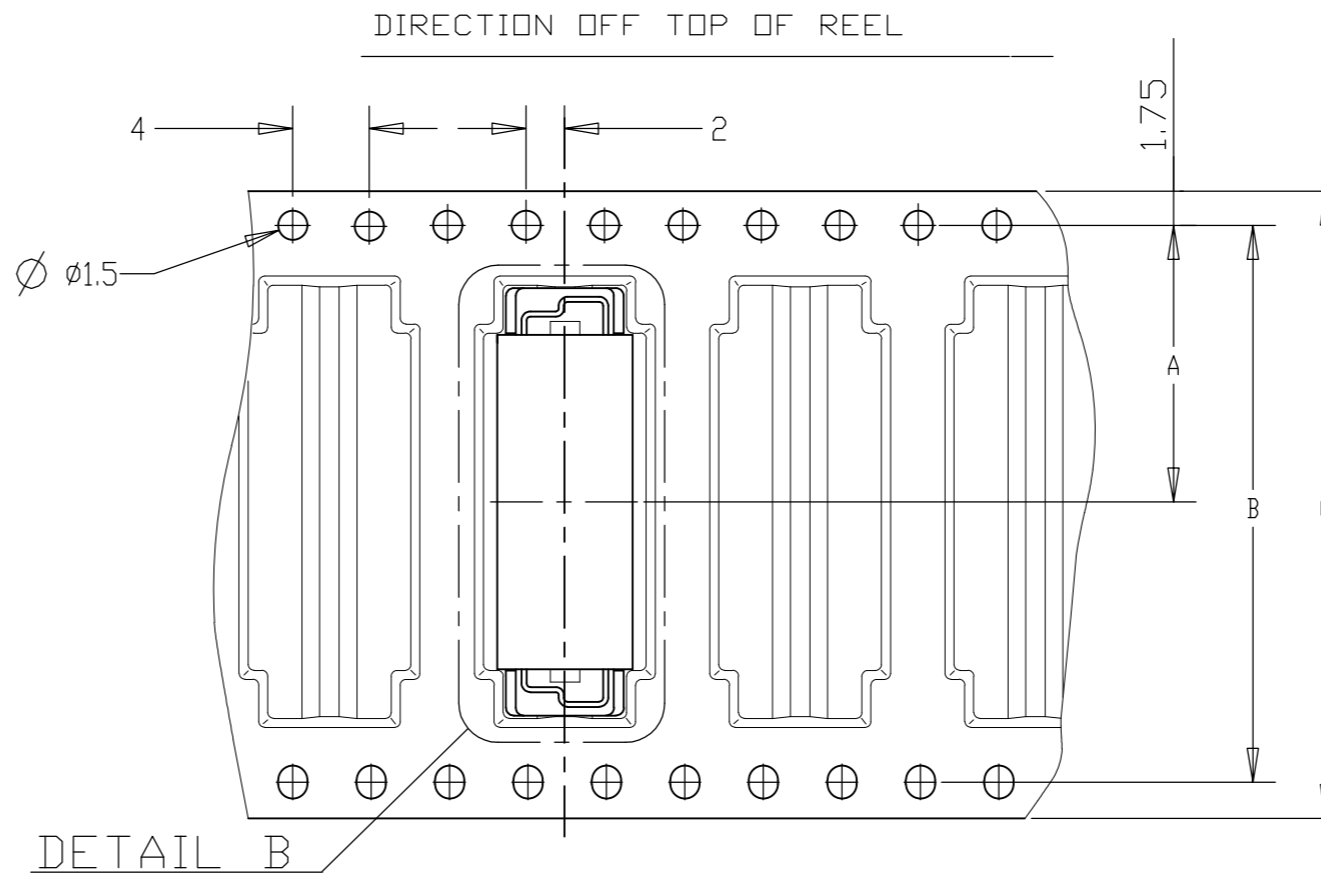
5177986

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

LOW HALOGEN

Notes:
 6 0.0002 MIN GOLD PLATING
 (7.8u INCHES GOLD PLATING)



POLYIMIDE COVER

REMARKS	QTY	HEIGHT TYPE	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.
															9-5177986-6

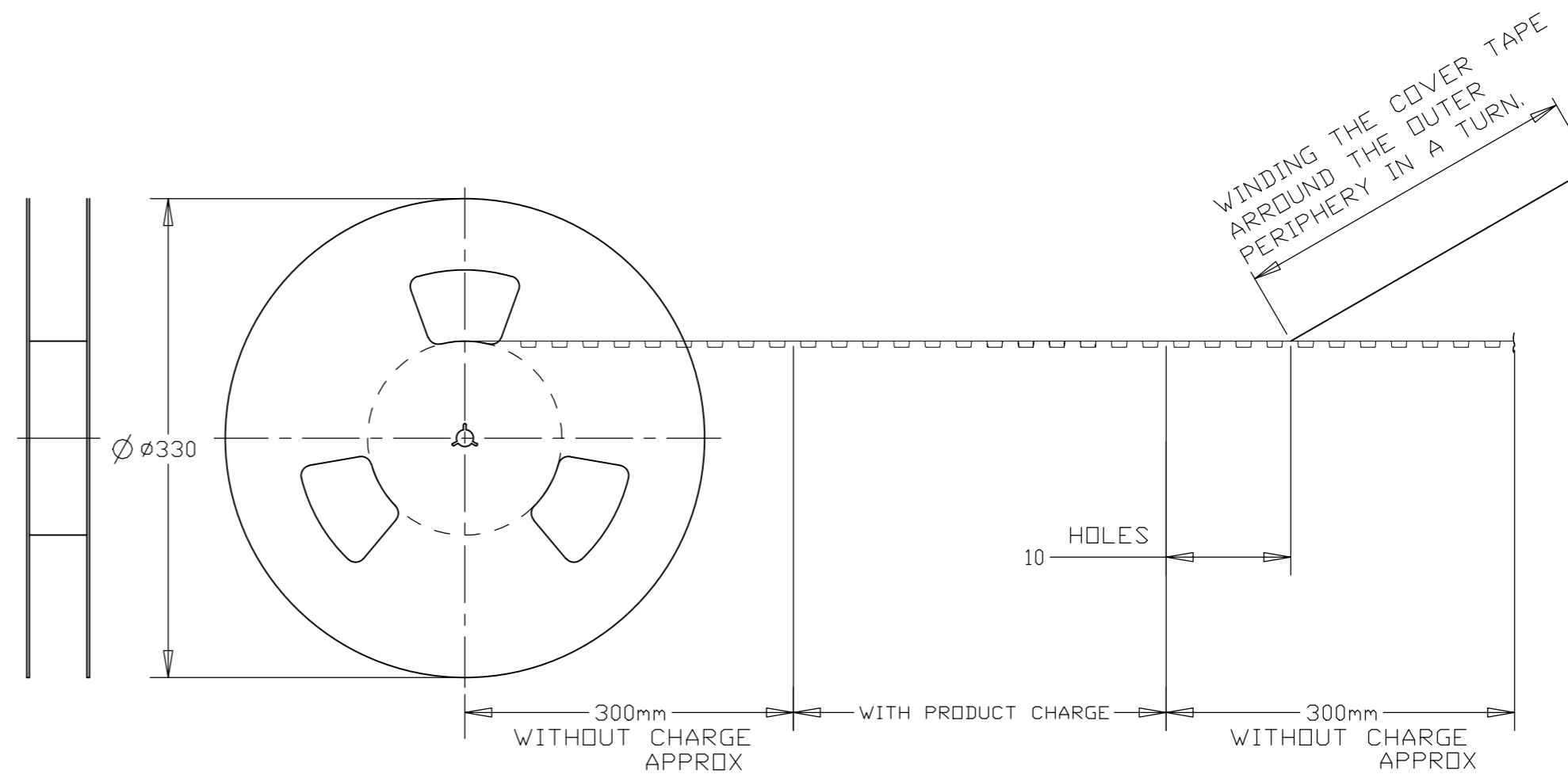
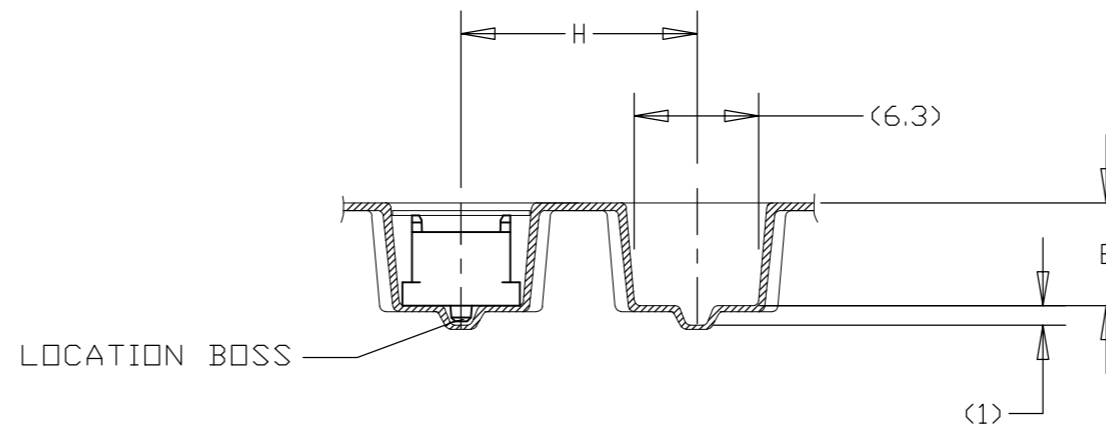
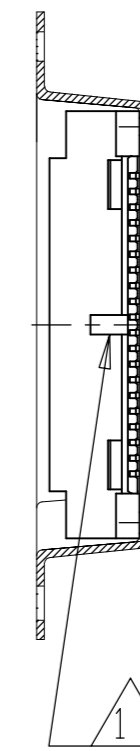
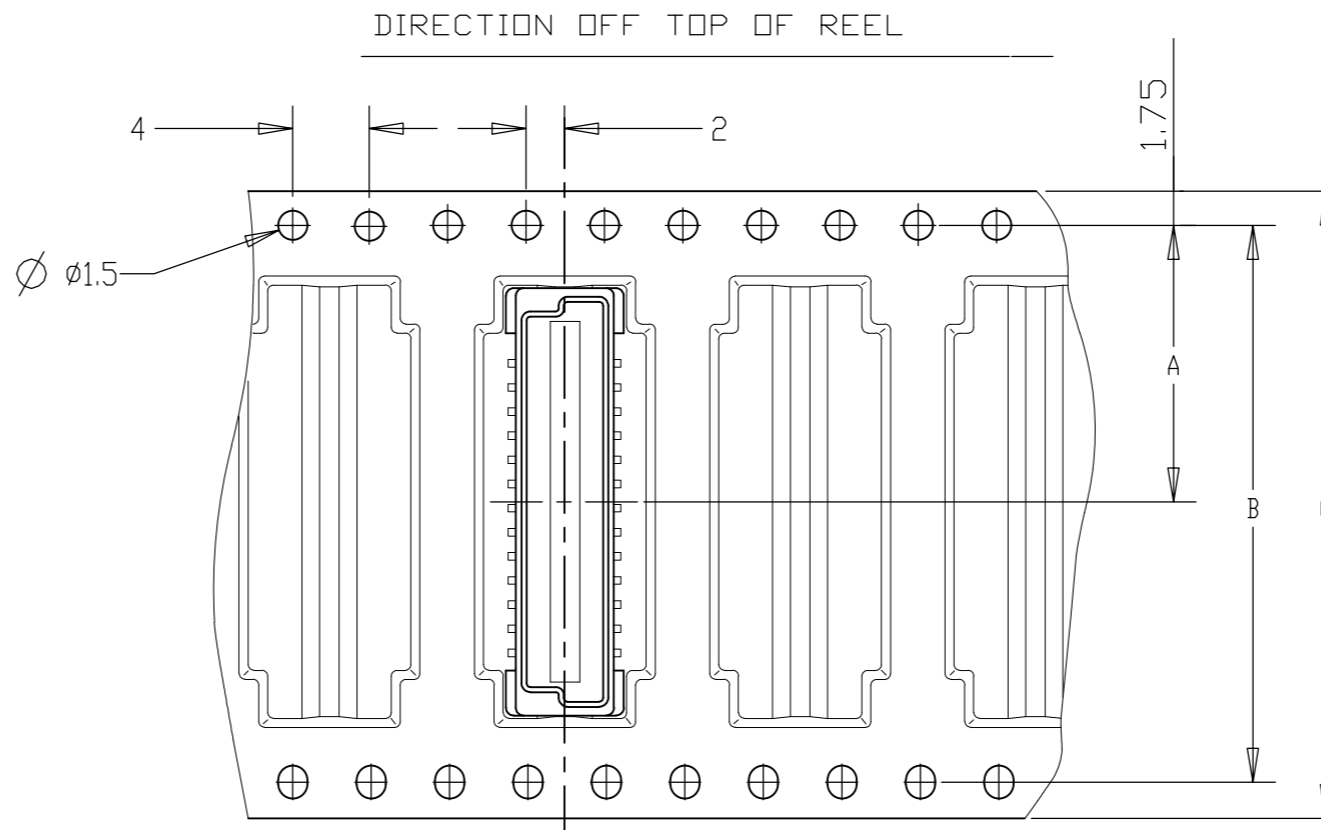
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN FLORENCE TAN 30AUG2004	TE Connectivity		
DIMENSIONS: mm		CHK ERIC TNG 30MAY2012			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SF LEONG 30MAY2012	NAME PLUG ASSEMBLY, FH 0.8 ON TAPING (EMBOSS) 0.5 BOSS LENGTH		
0 PLC ± - 1 PLC ± 0.2 2 PLC ± 0.15 3 PLC ± 0.1 4 PLC ± - ANGLES ± -		PRODUCT SPEC	RESTRICTED TO		
MATERIAL		APPLICATION SPEC	SIZE A2	CAGE CODE 00779	DRAWING NO. C-5177986
FINISH		WEIGHT 0	CUSTOMER DRAWING		
		SCALE 1:1	SHEET 2 of 4	REV F6	

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

LOW HALOGEN

Notes:
 2 0.00038 MIN GOLD PLATING
 (15u INCHES GOLD PLATING)



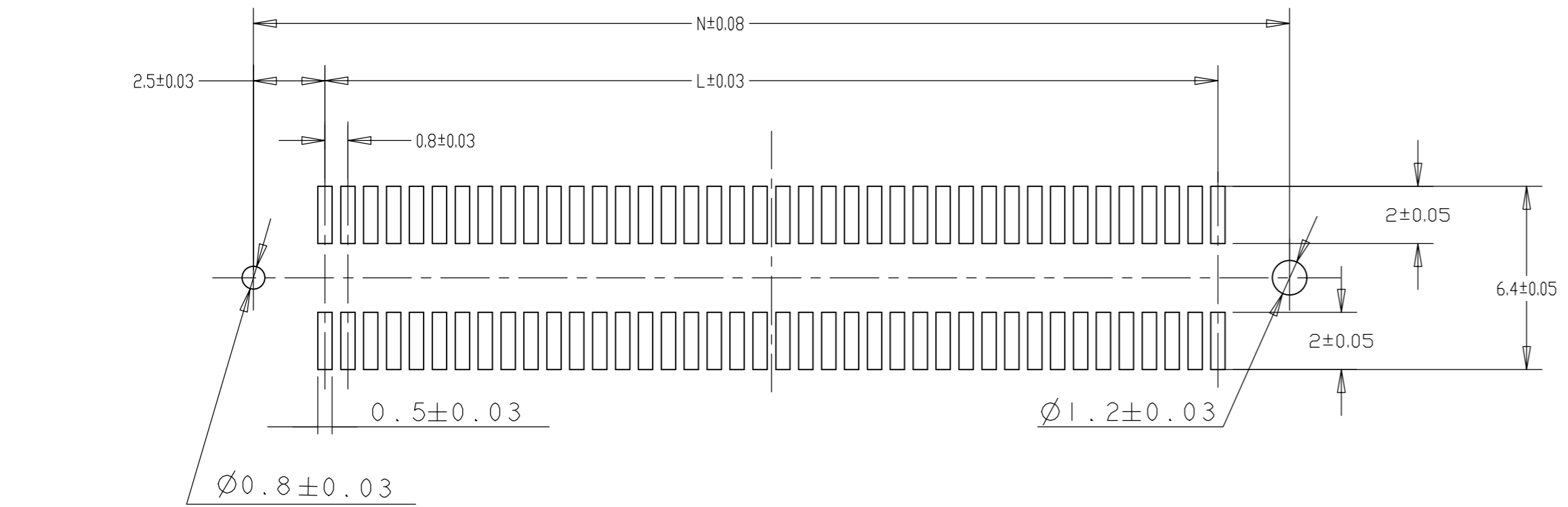
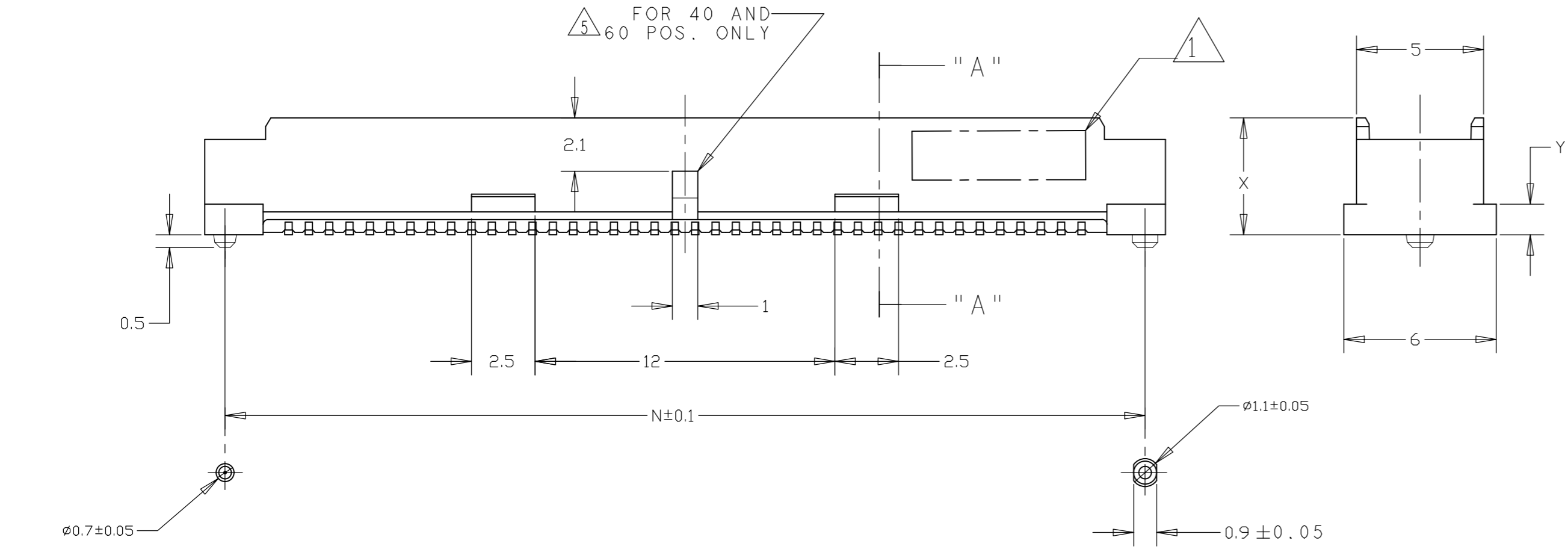
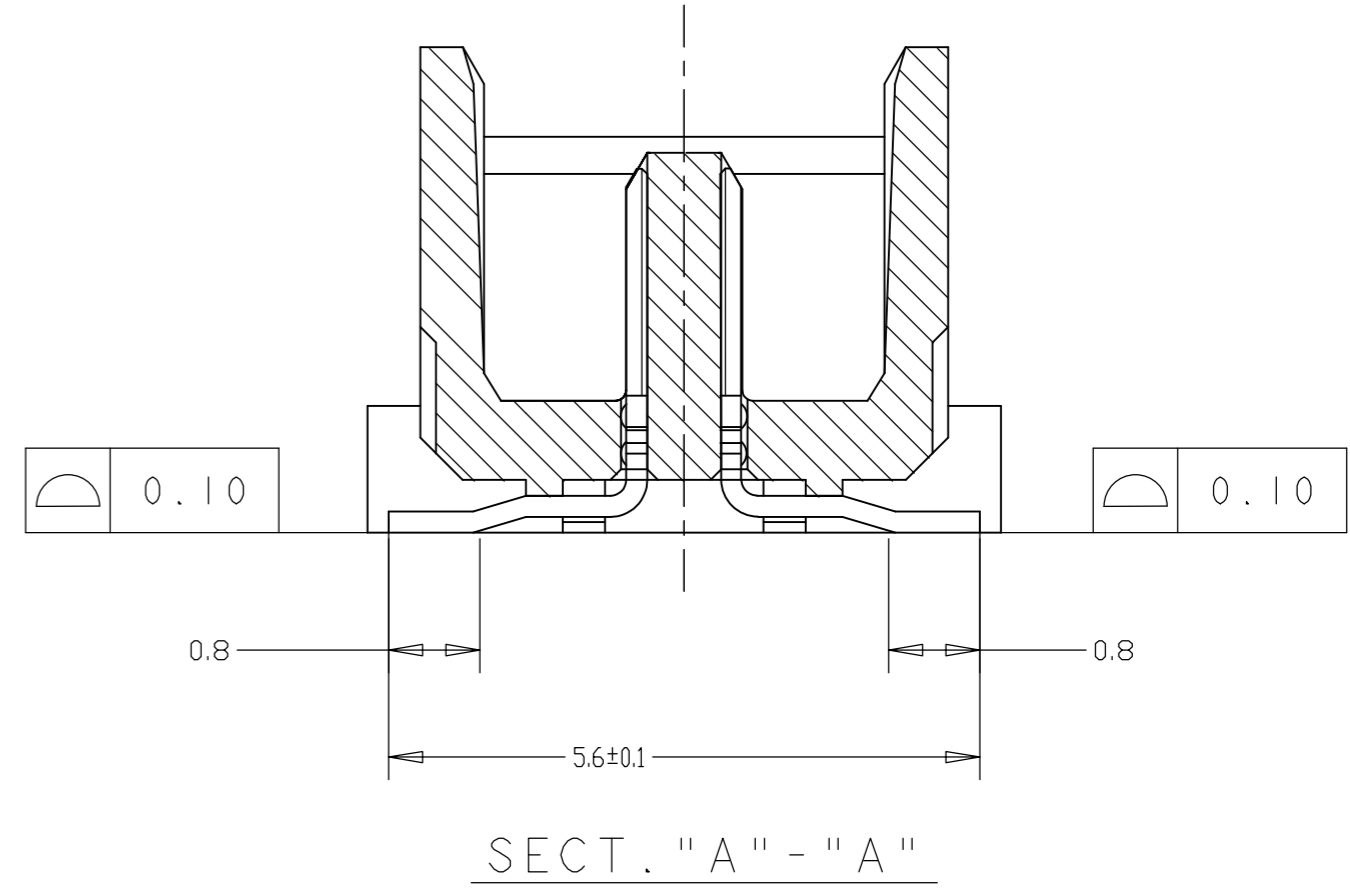
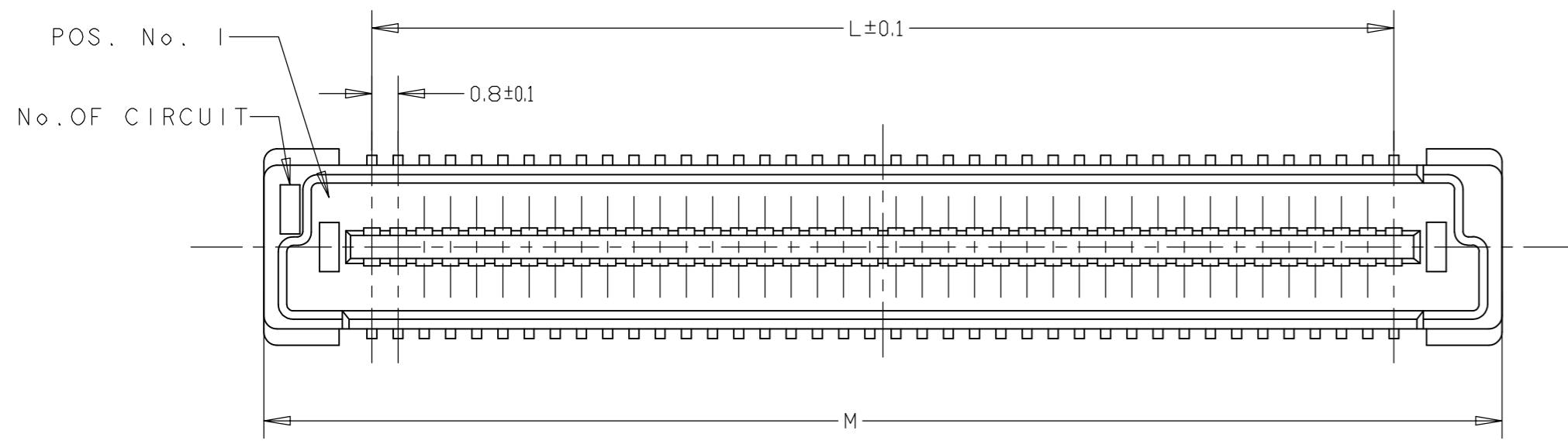
WITHOUT COVER

REMARKS	QTY	HEIGHT TYPE	Y	X	H	E	C	B	A	PDS	SALEABLE PART NO.
	650	5H	1.2	4.6	16	5.25	88	84.4	42.2	160	8-5177986-8
	650	5H	1.2	4.6	16	5.25	72	68.4	34.2	120	8-5177986-5

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN FLORENCE TAN 30AUG2004	TE Connectivity	
DIMENSIONS: mm		CHK ERIC TNG 30MAY2012		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SF LEONG 30MAY2012	NAME	
0 PLC ± - 1 PLC ± 0.2 2 PLC ± 0.15 3 PLC ± 0.1 4 PLC ± - ANGLES ± - FINISH -		PRODUCT SPEC	PLUG ASSEMBLY, FH 0.8 ON TAPING (EMBOSS) 0.5 BOSS LENGTH	
MATERIAL		APPLICATION SPEC	SIZE	RESTRICTED TO
		WEIGHT	A2 00779	
		CUSTOMER DRAWING	CAGE CODE	DRAWING NO.
		SCALE	1:1	
		SHEET	3 of 4	
		REV	F6	

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



RECOMMENDED P.C. BOARD LAYOUT

LOW HALOGEN

CONNECTOR ONLY

84.2	85.8	79.2	200
76.2	77.8	71.2	180
68.2	69.8	63.2	160
60.2	61.8	55.2	140
52.2	53.8	47.2	120
44.2	45.8	39.2	100
36.2	37.8	31.2	80
28.2	29.8	23.2	60
20.2	21.8	15.2	40
N	M	L	POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN FLORENCE TAN 30AUG2004	TE Connectivity	
DIMENSIONS: mm		CHK ERIC TNG 30MAY2012	PLUG ASSEMBLY, FH 0.8 ON TAPING (EMBOSS) 0.5 BOSS LENGTH	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SF LEONG 30MAY2012	NAME	RESTRICTED TO
0 PLC ± -		PRODUCT SPEC	SIZE	00779
1 PLC ± 0.2		APPLICATION SPEC	CAGE CODE	C=5177986
2 PLC ± 0.15		WEIGHT	DRAWING NO	REV F6
3 PLC ± 0.1		MATERIAL	SCALE	1:1
4 PLC ± -		FINISH	SHEET	4 of 4
ANGLES ± -		CUSTOMER DRAWING		

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-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management