

© - TE Connectivity. All Rights Reserved.

Notes:

- 1 CUTOUT FEATURE AVAILABLE ONLY ON SH 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.
 COLDER: NATURAL EXCEPT FOR NOTE 4
 CONTACT: BRASS
- 6 MATING AREA : 0.00076 MIN GOLD PLATING
 TERMINATION AREA : 0.0025 MIN MATTE Sn PLATING
- LOW HALOGEN
- Ø 0.15-

Δ	550	6H	2.6	5.6	12	12	17	5.85	6.25	61.8	88	84.4	42.2	140	5177986-9
50u Au	900	5H	1.2	4.6	12	12	17	4.85	5.25	29.8	4.4	40.4	20.2	60	5177986-7

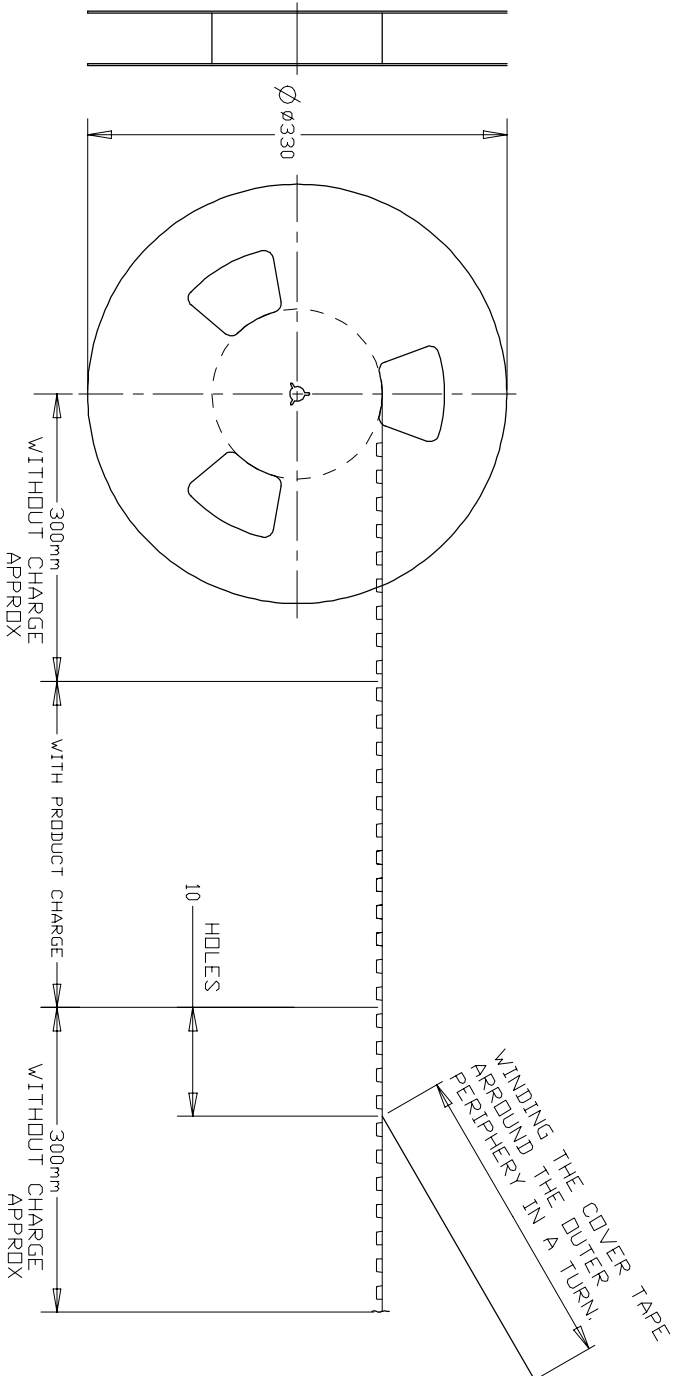
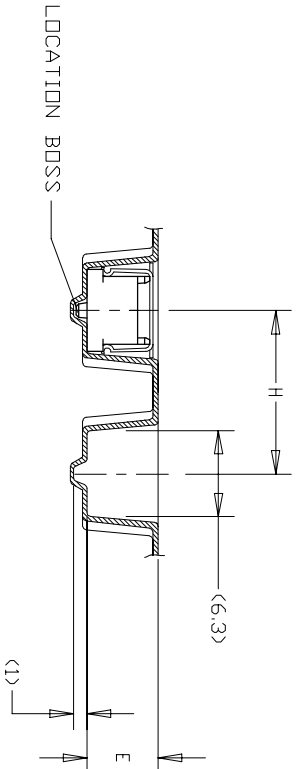
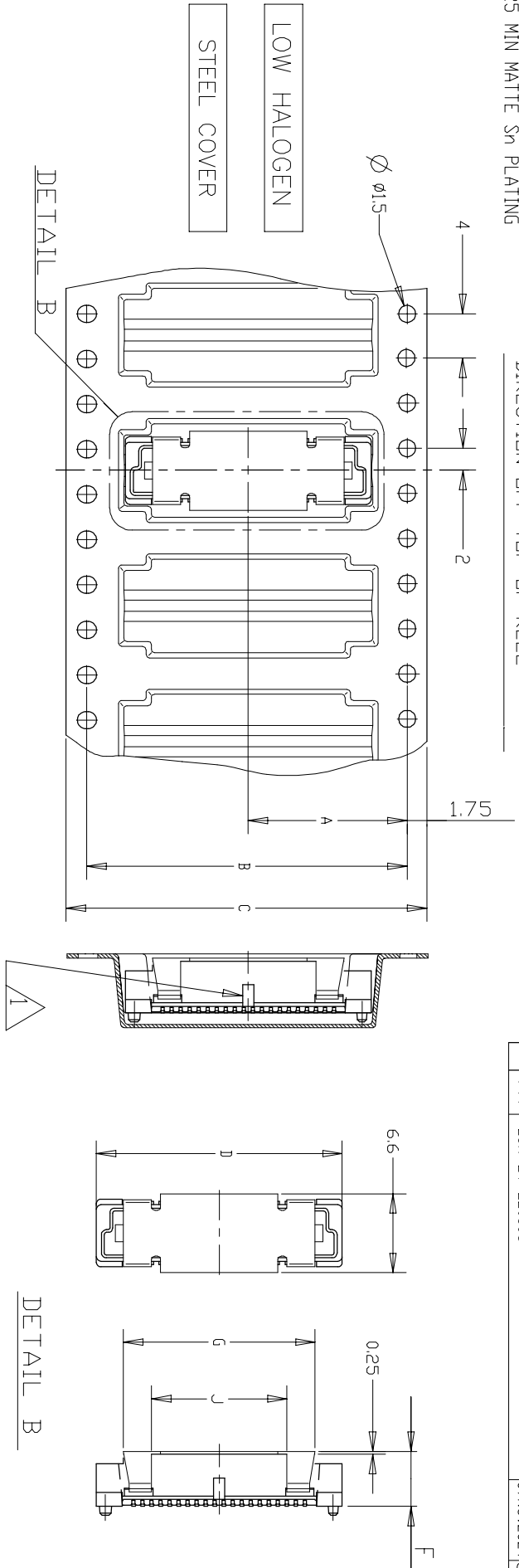
[illegible]

Δ	15u Au													
550	64	2.6	5.6	12	16	17	5.85	6.25	6.98	88	84.4	42.2	160	9-5177986-8
550	64	2.6	5.6	12	16	17	5.85	6.25	5.38	72	68.4	34.2	120	9-5177986-5
550	64	2.6	5.6	12	16	17	5.85	6.25	6.18	88	84.4	42.2	140	9-5177986-2
800	64	2.6	5.6	12	12	17	5.85	6.25	3.78	56	52.4	26.2	80	9-5177986-1
900	54	1.2	4.6	12	17	4.85	5.25	3.78	56	52.4	26.2	80	8-5177986-3	
430	74	3.6	6.6	12	16	17	6.85	7.25	5.38	72	68.4	34.2	120	4-5177986-5

[illegible][illegible]

0.0002 MIN GOLD (7.8u INCHES GOL												
500	7H	36	66	16	685	725	218	32	284	142	40	2-5177986-0
▲	▲	▲	▲	▲	▲	▲	618	88	844	422	140	1-▲-6
							538	▲	▲	▲	120	1-5
550				16			458	72	684	342	100	1-4
▲				▲			378	56	524	262	80	1-3
							298	44	404	202	60	1-2
800	6H	26	56	12	585	625	218	32	284	142	40	1-5177986-1
▲	▲	▲	▲	▲	▲	▲	858	104	1004	502	200	1-5177986-0
							698	▲	▲	▲	160	▲-8

REMARKS	QTY	HEIGHT TYPE	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.
										61.8	88	84.4	42.2	140	-6
	650						16			53.8	↓	↓	↓	120	-5
										45.8	72	68.4	34.2	100	-4
							↓			37.8	56	52.4	26.2	80	-3
										29.8	44	40.4	20.2	60	-2
	900	5H	12	46	12	12	17	4.85	5.25	21.8	32	28.4	14.2	40	5177986-1



REVISIONS				
P	LT/R	DESCRIPTION	DATE	BY
F11		ECR-24-226398	07NOV2024	SSM M.J

THIS DRAWING IS A CONTROLLED DOCUMENT.			TMN		30AUG2004		 TE Connectivity Ltd.						
			FLORENCE TAN		30AUG2004								
CHK			ERIC TNG		30MAY2012								
DIMENSIONS:			TOLERANCES, UNLESS OTHERWISE SPECIFIED:			NAME		PLUG ASSEMBLY, FH 0.8 ON TAPING (EMBOSS) 0.5 BOSS LENGTH					
mm						APVD							
			0 PLC			SF LEONG							
			1 PLC			PRODUCT SPEC							
			2 PLC			108-5390							
			3 PLC			APPLICATION SPEC							
4 PLC			FINISH			SIZE		DAGE CODE		DRAWING NO			
MATERIAL			SEE NOTE			WEIGHT		A2		00779		G5177986	
SEE NOTE			SEE NOTE			CUSTOMER DRAWING		SCALE		1:1		SHEET	
										1 OF 5		REV	
												F11	

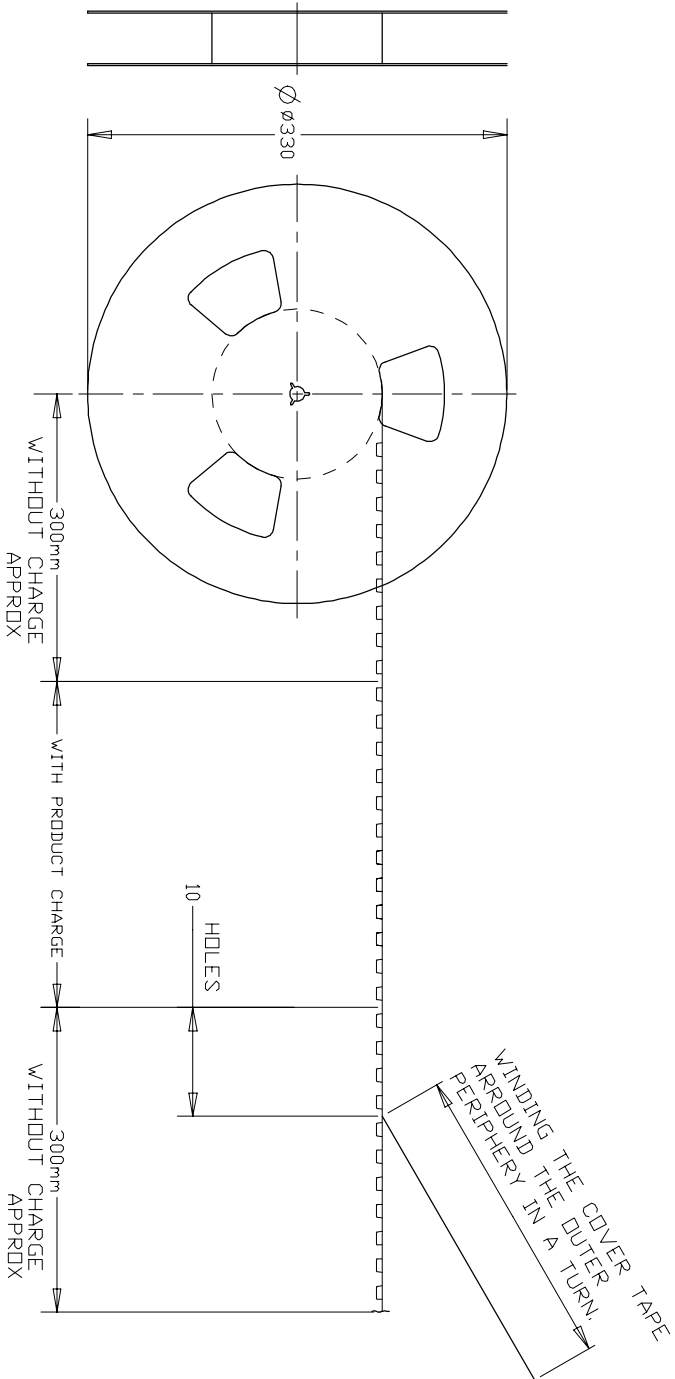
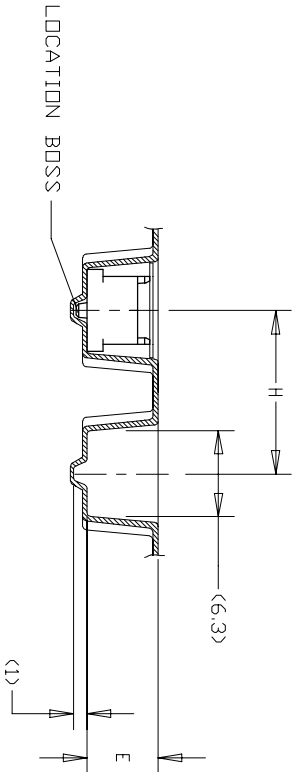
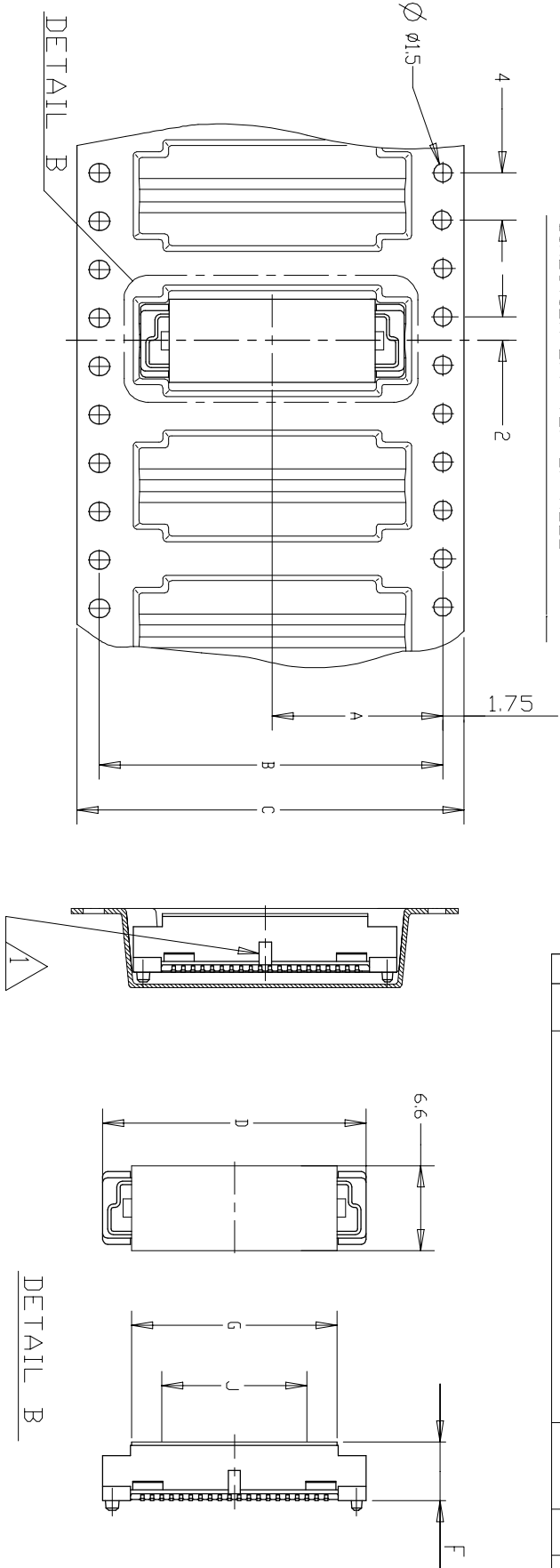
DIRECTION OFF TOP OF REEL

REVISIONS				
P	LTR	DESCRIPTION	DATE	DMN
—	—	SEE SHEET 1	—	—

LOW HALOGEN

POLYIMIDE COVER

Notes:
0.0002 MIN GOLD PLATING
(7.84 INCHES GOLD PLATING)



REMARKS	QTY	HEIGHT TYPE	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.
△	800	6H	2.6	5.6	12	12	17	5.85	6.25	37.8	5.6	52.4	26.2	80	9-5177986-3
	650	5H	1.2	4.6	12	16	17	4.85	5.25	61.8	88	84.4	42.2	140	9-5177986-6

△

1471-9 (1/15)

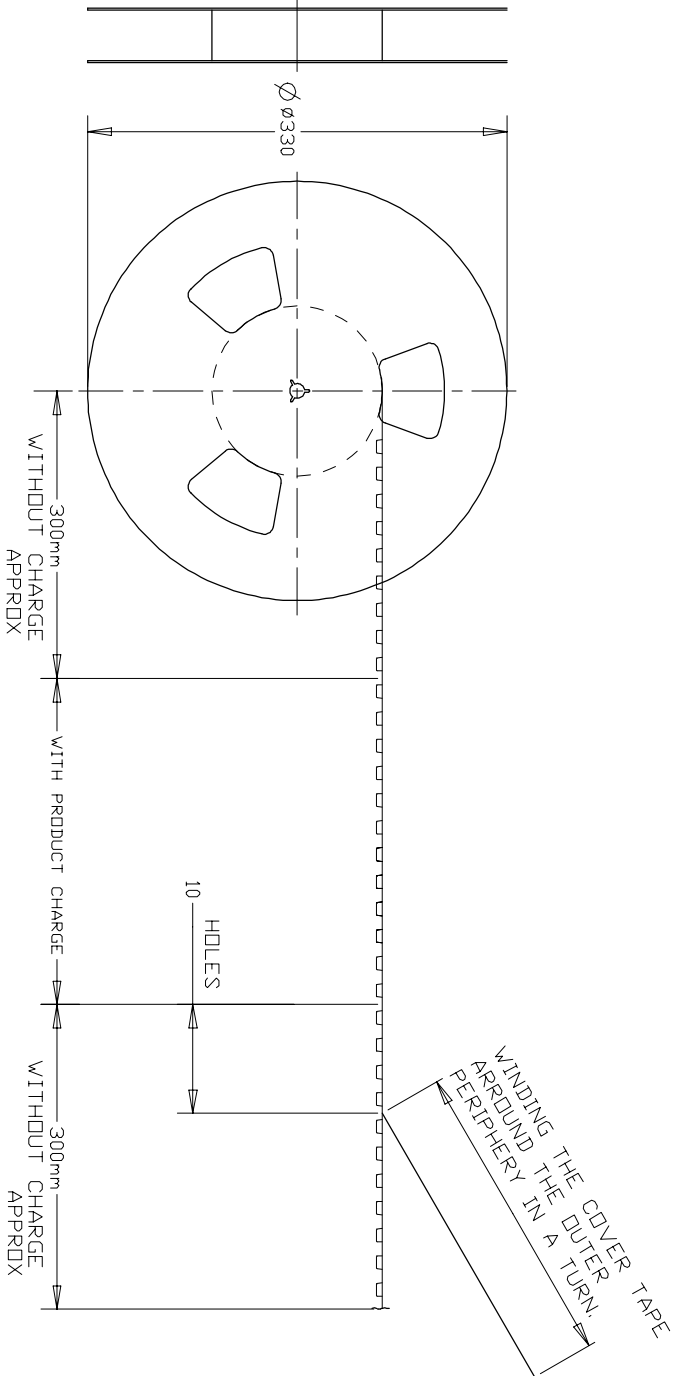
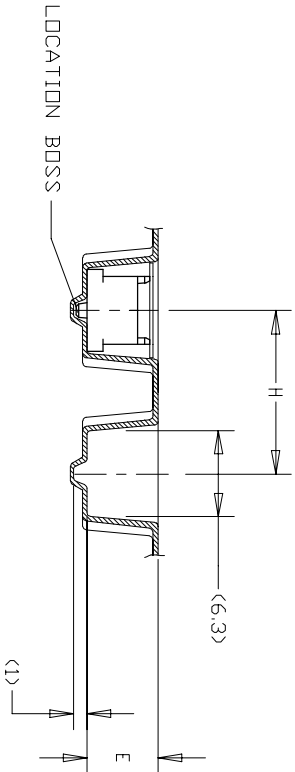
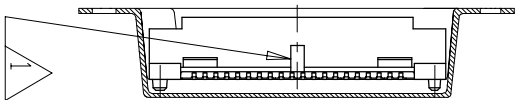
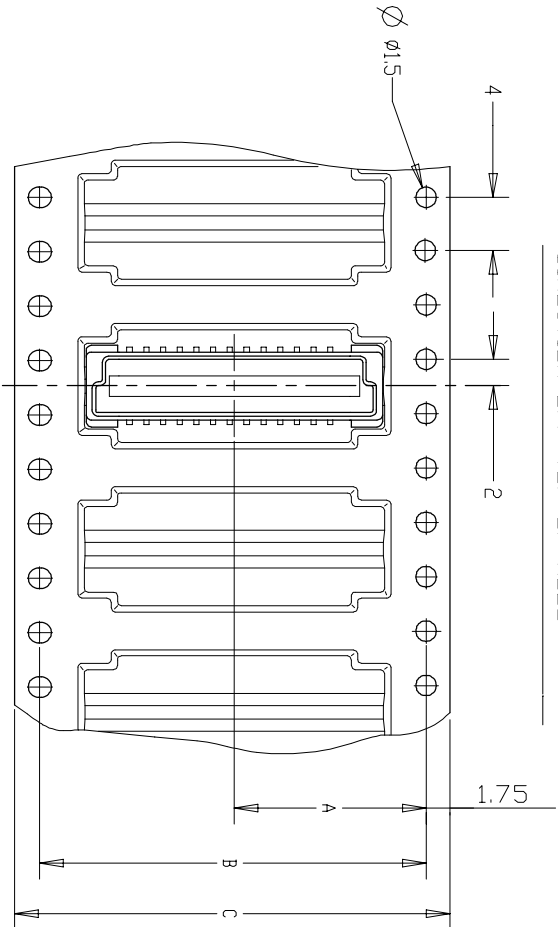
THIS DRAWING IS A CONTROLLED DOCUMENT.										DMN FLORENCE TAN 30AUG2004		TE TE Connectivity Ltd.					
DIMENSIONS:		mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SF LEONG PRODUCT SPEC 108-5390 APPLICATION SPEC		NAME		ON TAPING (EMBOS) 0.5 BOSS LENGTH							
		0 PLC		±		—		A2		00779		CAGE CODE		DRAWING NO		RESTRICTED TO	
		1 PLC		± 0.2													
		2 PLC		± 0.15													
		3 PLC		± 0.1													
4 PLC		±		± 0.1		—		—		—		—		—		—	
MATERIAL		FINISH		SEE NOTE		—		—		—		—		—		—	
SEE NOTE		SEE NOTE		—		—		—		—		—		—		—	
CUSTOMER DRAWING										SCALE		SHEET		REV		F11	

REVISIONS				
P	LTR	DESCRIPTION	DATE	DMN
—	—	SEE SHEET 1	—	—

LOW HALOGEN

WITHOUT COVER

Notes:
0.00038 MIN GOLD PLATING
(15μ INCHES GOLD PLATING)



5177986

△	650	5H	12	4.6	16	5.25	88	84.4	42.2	160	8-5177986-8
	650	5H	12	4.6	16	5.25	72	68.4	34.2	120	8-5177986-5
REMARKS	QTY	HEIGHT TYPE	Y	X	H	E	C	B	A	PDS	SALEABLE PART NO.

1471-9 (1/15)

THIS DRAWING IS A CONTROLLED DOCUMENT.											
DIMENSIONS:				TOLERANCES UNLESS OTHERWISE SPECIFIED:							
mm				0 PLC ± -							
				1 PLC ± 0.2							
				2 PLC ± 0.15							
				3 PLC ± 0.1							
				4 PLC ± - 3°							
MATERIAL				FINISH							
SEE NOTE				SEE NOTE							
CUSTOMER DRAWING				WINDING THE COVER TAPE AROUND THE OUTER PERIPHERY IN A TURN.							
DMN				FLORENCE TAN							
CHK				ERIC TNG							
APVD				SF LEONG							
PRODUCT SPEC				108-5390							
APPLICATION SPEC				ON TAPING (EMBOS) 0.5 BOSS LENGTH							
WEIGHT				—							
SIZE				A2							
CAGE CODE				00779							
DRAWING NO				5177986							
RESTRICTED TO				—							
SCALE				1:1							
SHEET				3 of 5							
REV				F11							



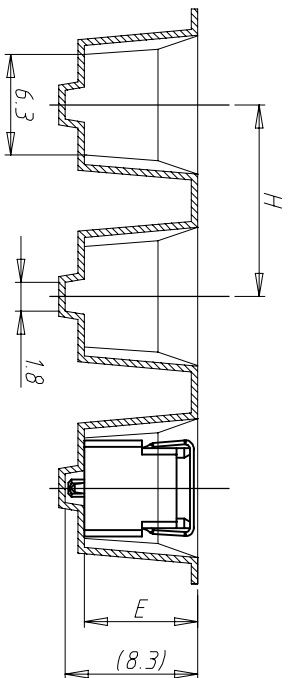
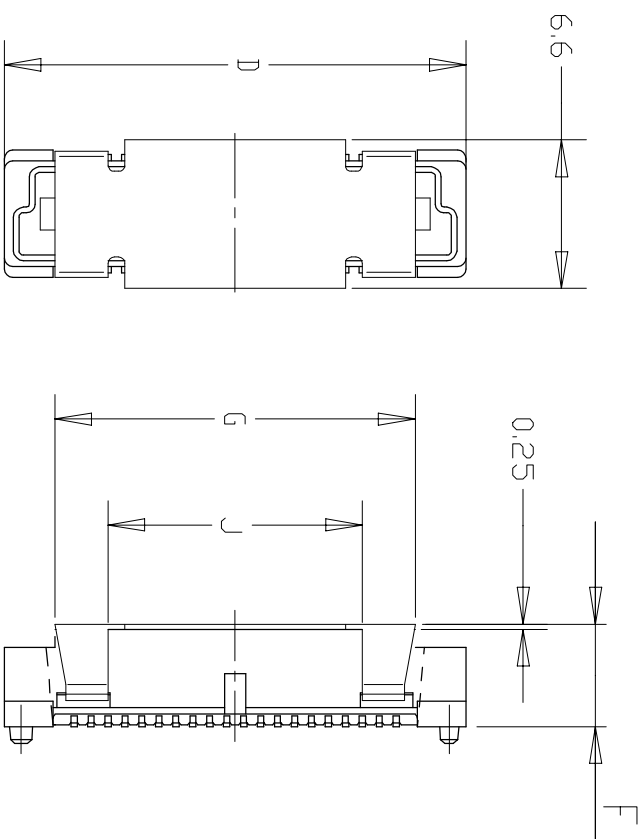
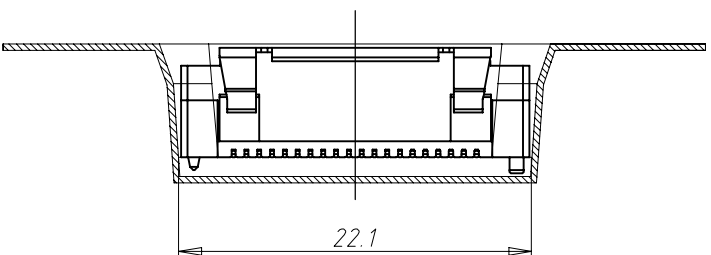
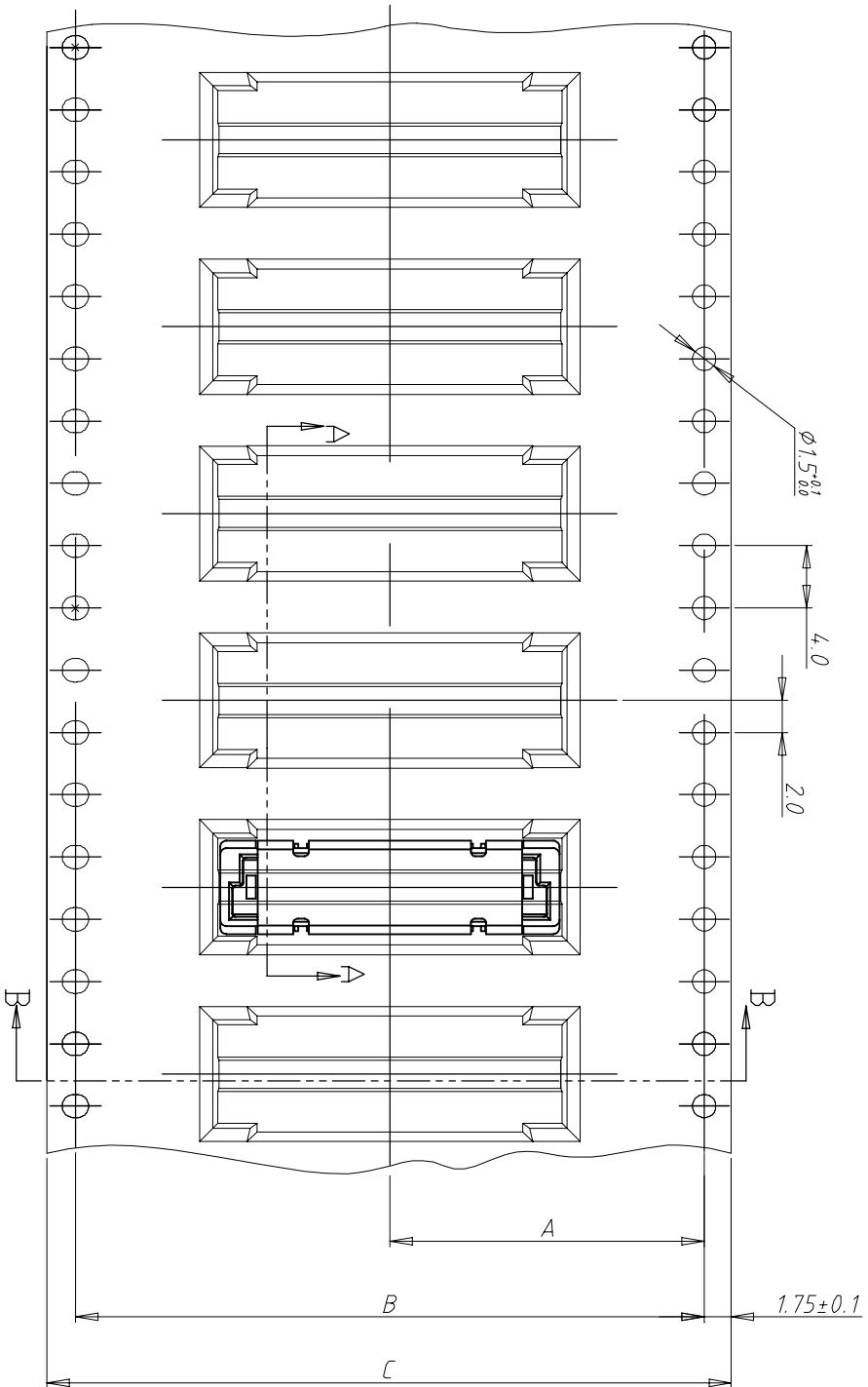
TE Connectivity Ltd.

PLUG ASSEMBLY, FH 0.8
ON TAPING (EMBOS) 0.5 BOSS LENGTH

LOW HALOGEN

WITH COVER

USER DIRECTION OF UNREELING


$$A - A$$


REVISIONS					
P	U/R	DESCRIPTION	DATE	OWN	APP'D
-		SEE SHEET 1	-	-	-

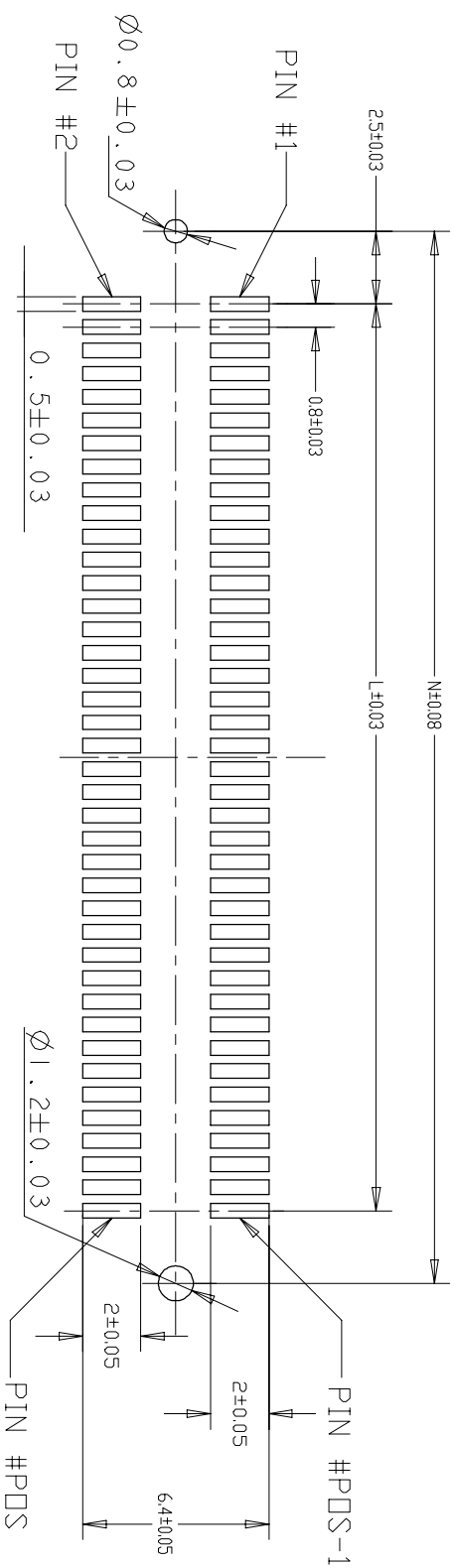
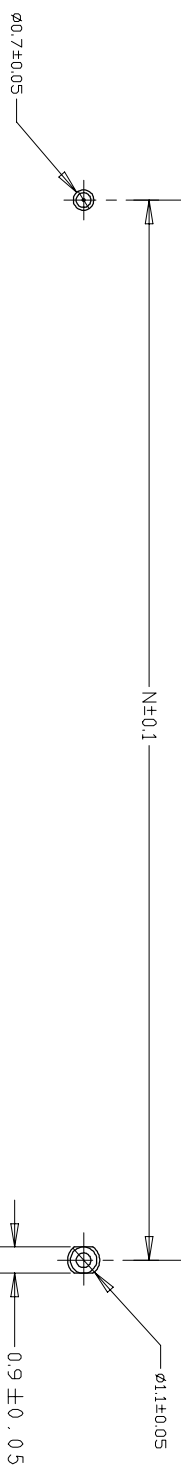
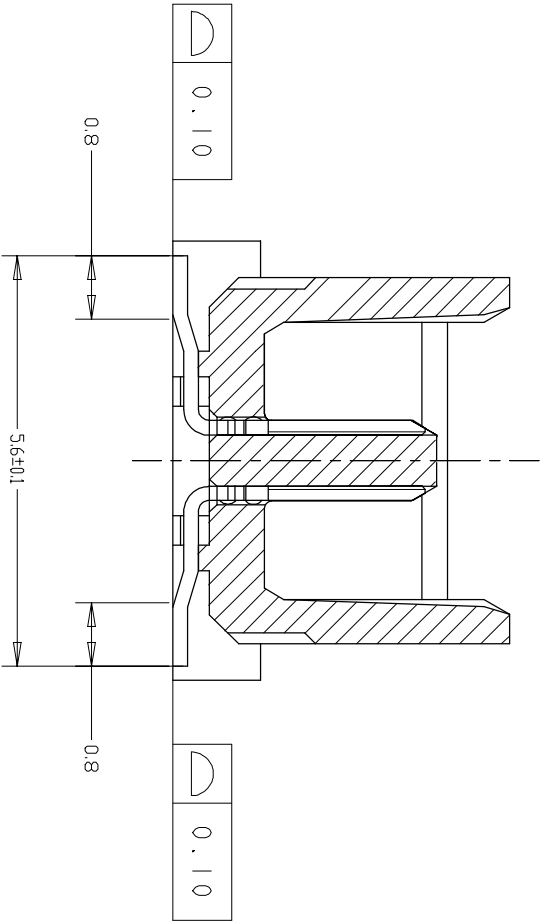
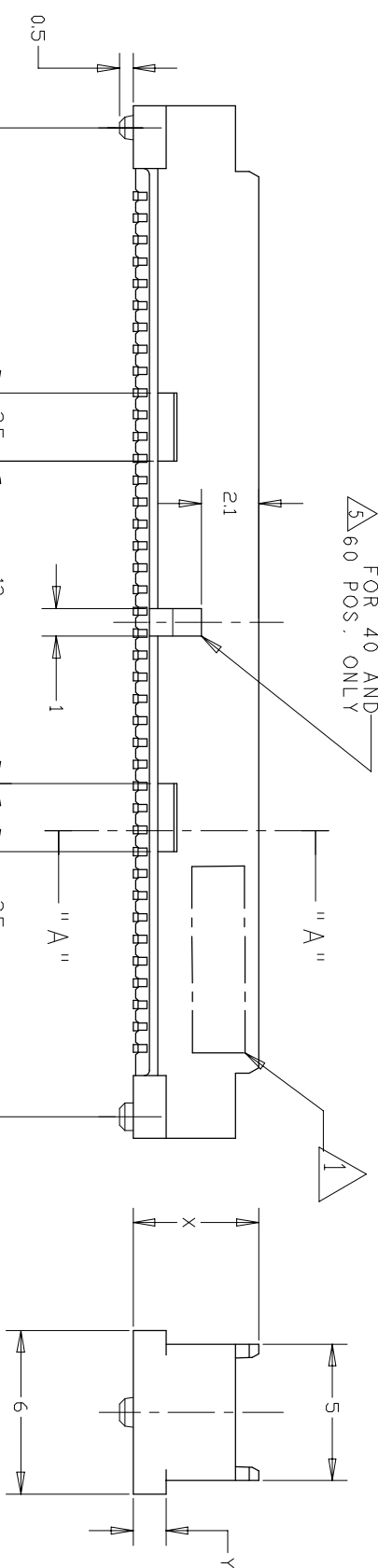
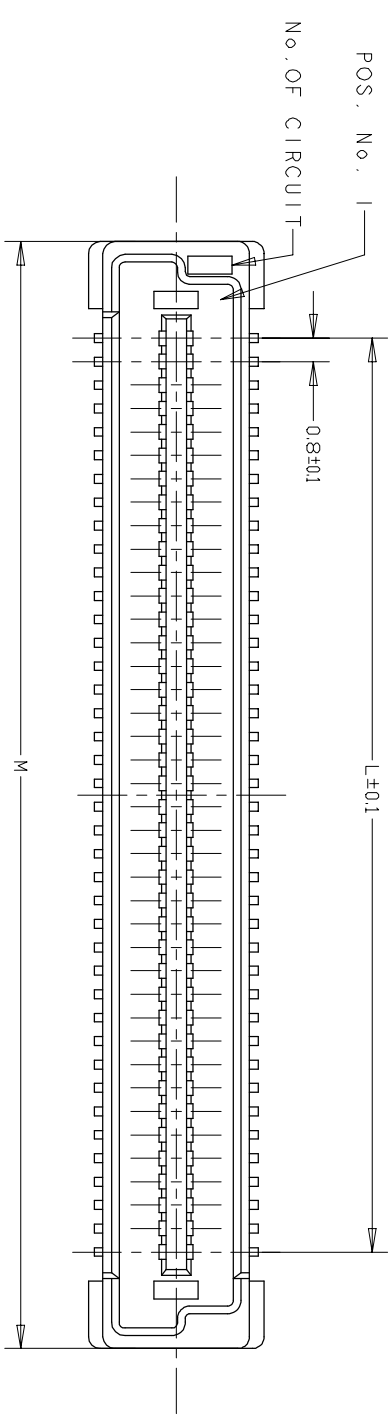
30u" Au	700	7H	3,6	6,6	12	12	17	6,85	7,1	21,8	44	40,4	20,2	40	7-5177986-7
REMARKS	QTY	HEIGHT TYPE	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.					
DIN	FLORENCE TAN		30MAY2024		
CHK	ERIC TNG		30MAY2012		
DIMENSIONS:			TOLERANCES UNLESS OTHERWISE SPECIFIED:		
mm					
					
0 PIC ± -					
1 PIC ± 0.2					
2 PIC ± 0.15					
3 PIC ± 0.1					
4 PIC ± -					
ANGLES			± 3°		
MATERIAL	FINISH				
SFE NOTE	SFE NOTE				
CUSTOMER DRAWING	WEIGHT		—		
APRD			SE LEONG		
PRODUCT SPEC			108-5390		
APPLICATION SPEC					
SIZE			CASE CODE		
A2			DRAWING NO		
00779			C=5177986		
SCALE			RESTRICTED TO		
1:1			—		
SHEET			REV		
4 OF 5			F11		

REVISIONS				
P	LTR	DESCRIPTION	DATE	DMN
—	—	SEE SHEET 1	—	—

LOW HALOGEN

CONNECTOR ONLY



RECOMMENDED P.C. BOARD LAYOUT

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.

5177986

THIS DRAWING IS A CONTROLLED DOCUMENT.				DMN FLORENCE TAN 30AUG2004				TE Connectivity Ltd.			
DIMENSIONS: mm				OK ERIC TNG 30MAY2012				NAME			
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD SF LEONG 30MAY2012				PLUG ASSEMBLY, FH 0.8			
0 PLG ± -				PRODUCT SPEC 108-5390				ON TAPING (EMBOSS) 0.5 BOSS LENGTH			
1 PLG ± 0.2				APPLICATION SPEC				—			
2 PLG ± 0.15				WEIGHT —				SIZE A2			
3 PLG ± 0.1				FINISH				CAGE CODE 00779			
4 PLG ± - 3				CUSTOMER DRAWING				DRAWING NO 5177986			
MATERIAL SEE NOTE				SCALE 1:1				SHEET 5 of 5			
								REV F11			