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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED

D

C

B

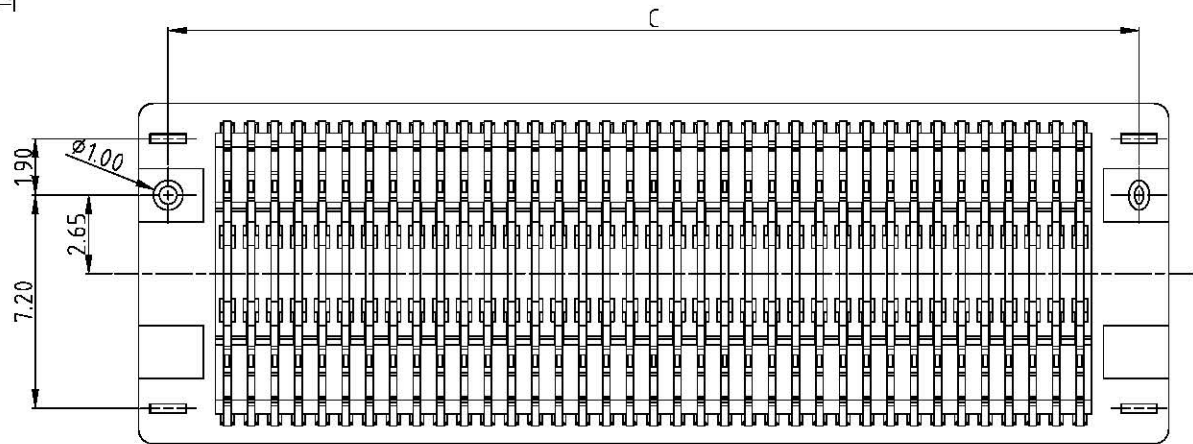
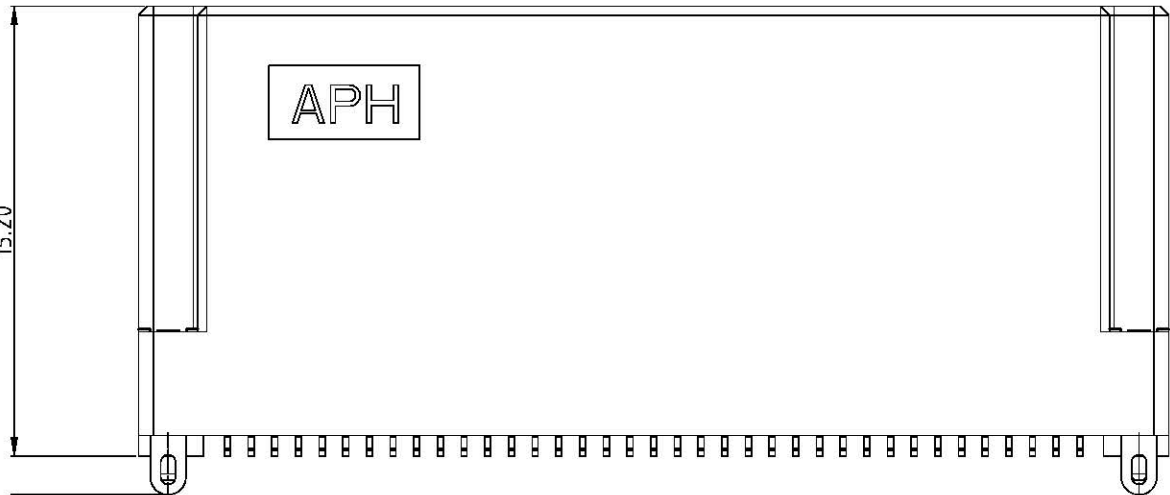
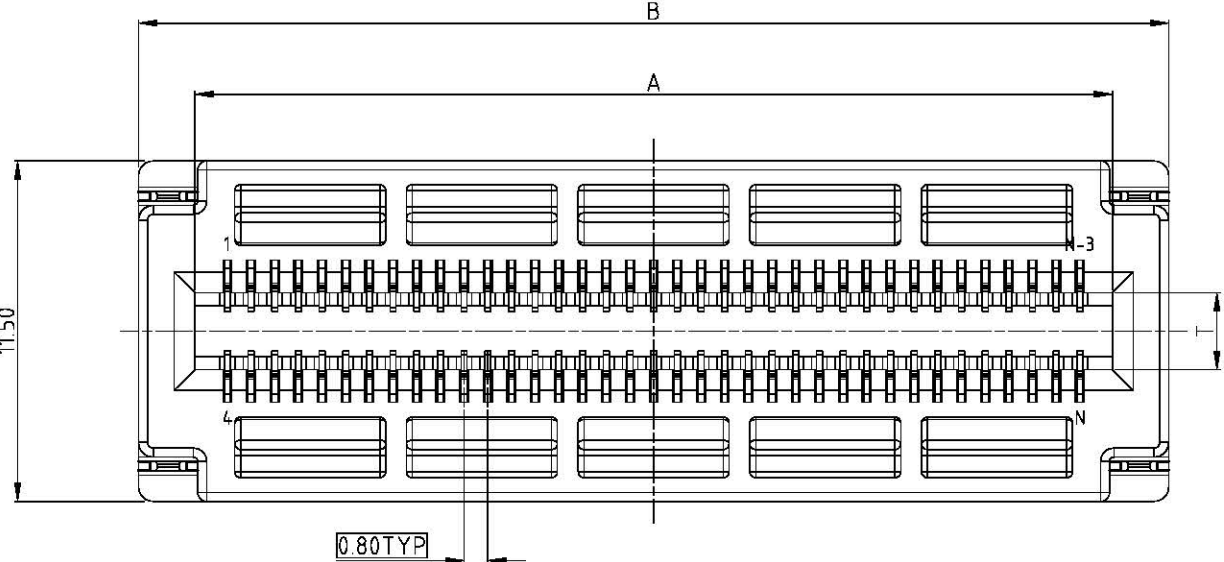
A

D

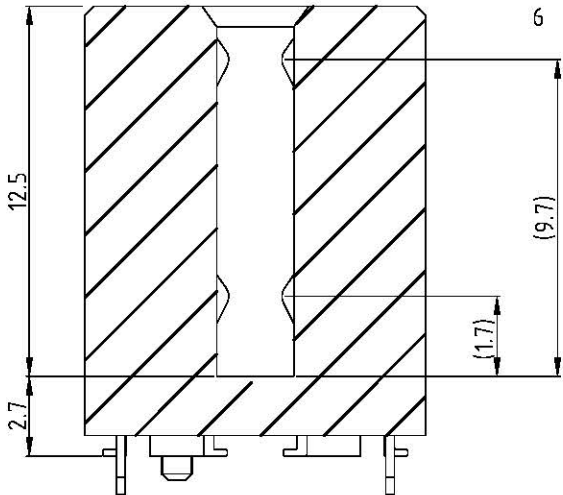
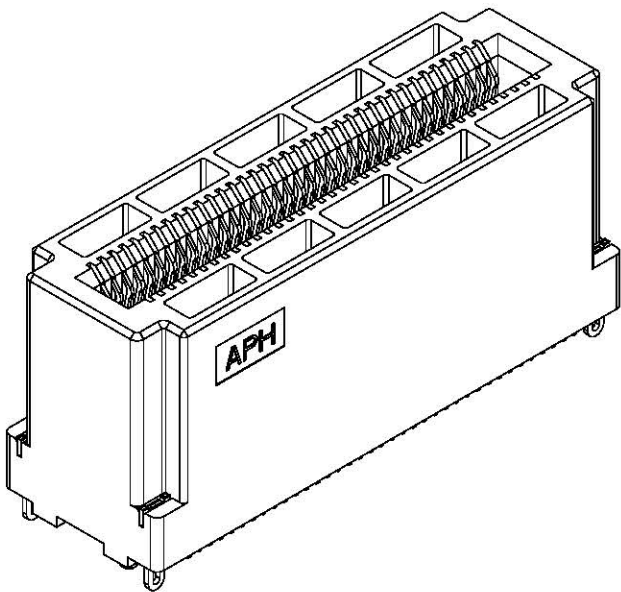
C

B

A



- PN SYSTEM
CEDX1XXX11XXXXX
- POWER PIN
0 NO POWER WAFER
1 1 POWER WAFER
2 2 POWER WAFER
.....
9 9 POWER WAFER
A 10 POWER WAFER
B 11 POWER WAFER
.....
- PIN COUNT
(SEE DIM FORM)
- PLATING SPEC
1 0.76 UM Au
2 0.38 UM Au
3 GOLD FLASH
4 0.76UM PdNi+GF
- SINGLE END WAFER
00 0 WAFER
01 1 WAFER
.....
99 99 WAFER
- CARD THICKNESS
1 1.60MM (1.57MM)
2 2.36MM
- PACKING SPEC
1 HARD TRAY (320X230) WITH MYLAR
2 HARD TRAY (320X136) WITH MYLAR
3 TUBE WITH MYLAR
4 TAPE & REEL WITH MYLAR (SUPPORT PIN COUNT LESS THAN 284)
5 HARD TRAY (320X230) WITHOUT MYLAR
6 HARD TRAY (320X136) WITHOUT MYLAR



DIM FORM

PIN COUNT	76	112	148
A	16.6	23.8	31.0
B	20.4	27.6	34.8
C	18.4	25.6	32.8
D	16.45	23.65	30.85

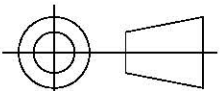
CARD THICKNESS	1.60	2.36
T	1.80	2.60

- NOTE:
- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC BLACK UL94-V0
CONTACT: COPPER ALLOY
BOARD LOCK: COPPER ALLOY
 - PLATING:
CONTACT: MATING AREA: SEE PART NUMBER SYSTEM OVER 1.27-2.54 UM NICKEL UNDERPLATED
SOLDER AREA: 1.27 MIN TIN OVER 1.27-2.54 UM NICKEL UNDERPLATED
BOARD LOCK: 1.27 MIN TIN OVER 1.27-2.54 UM NICKEL UNDERPLATED
 - ELECTRICAL PERFORMANCE:
RATED CURRENT FOR SIGNAL PIN: PLEASE REFER APPLICATION SPEC
 - MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC # SSN002
 - THE CRITICAL DIMENSIONS OF MATING CARD AND FOOTPRINT LAYOUT



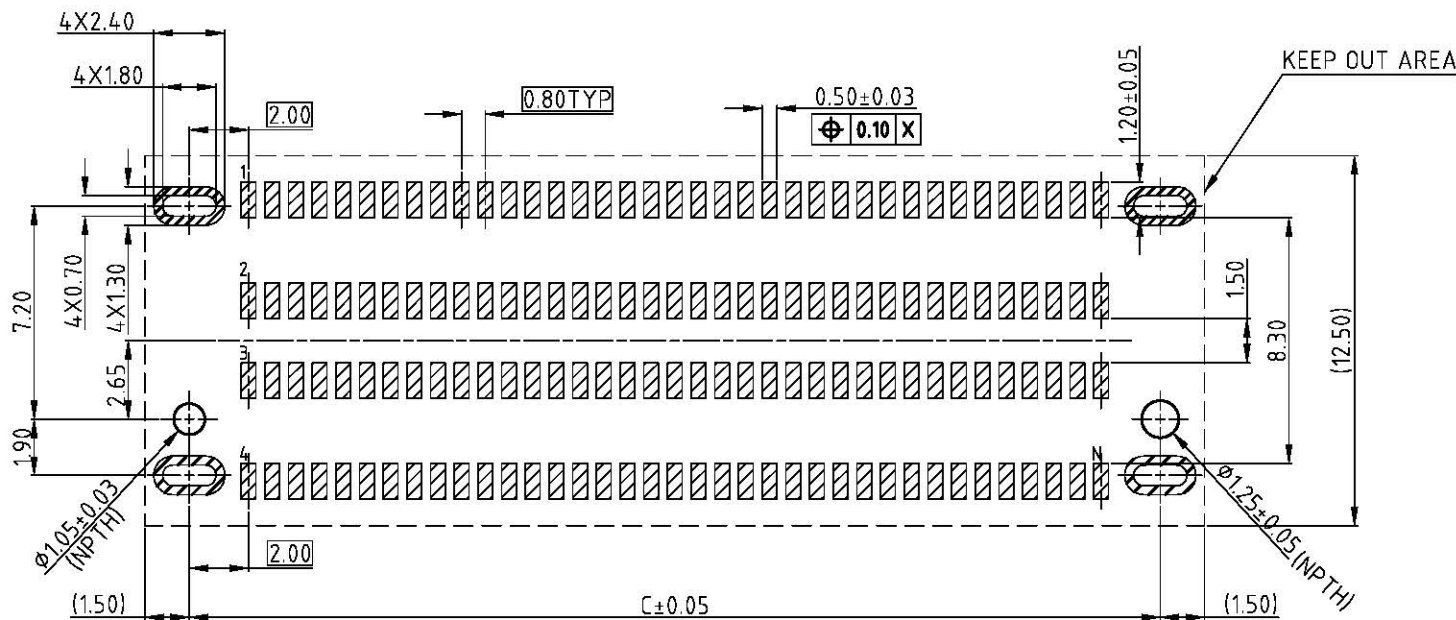
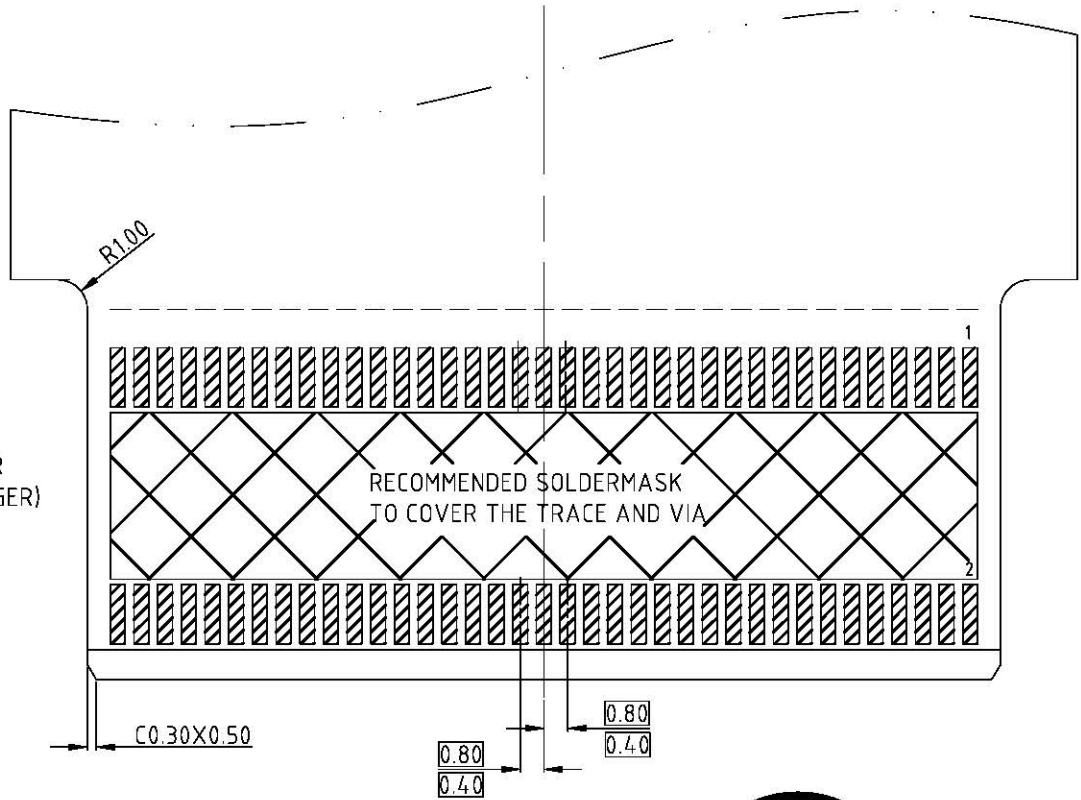
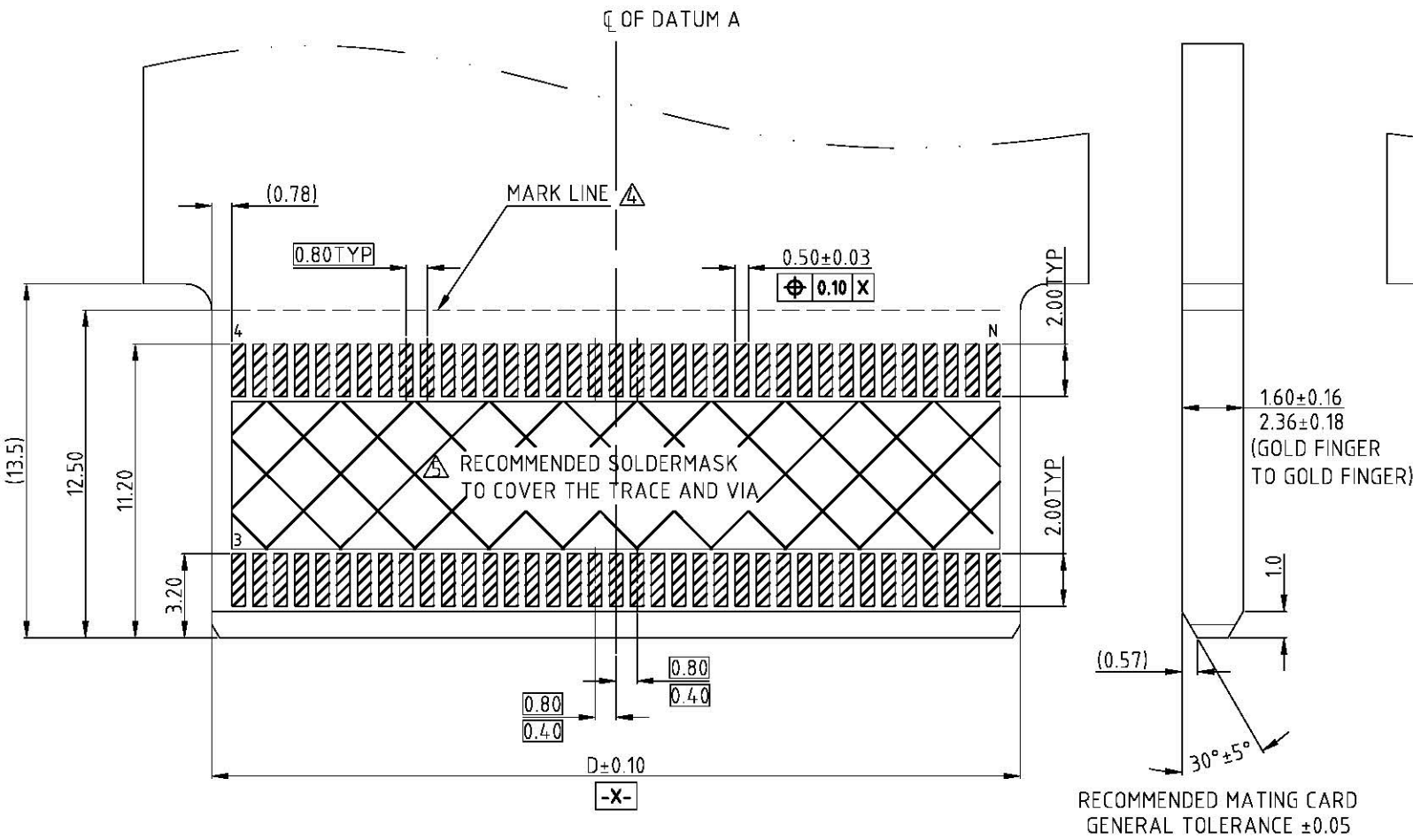
PROPOSAL DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
U.S. METRIC		DRAWN			
.X +/- 0.50		CHECKED			
.XX +/- 0.30		APPROVED			
.XXX +/- 0.15		DRAWING FILE :		TITLE	
FRACTIONS +/-		INTERNAL\DRAWING\CE\C CEDX1XXX11XXXXX		DOUBLE DENSITY COOL EDGE CONNECTOR	
ANGLES +/- 2°		ANGLE OF PROJECTION		0.80MM PITCH,VERTICAL	
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		SIZE	REV.
DIMENSIONS		U.S. INCHES		A3	C CEDX1XXX11XXXXX
U.S. (METRIC)		INCHES (mm)		SCALE	SHEET 1 OF 4
				NONE	



CUSTOMER DRAWING

REVISIONS				
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SOLDERABLE FINISH PLATING ON ALL PADS
RECOMMENDED CONNECTOR FOOTPRINT LAYOUT COMPONENT SIDE SHOWN
GENERAL TOLERANCE ±0.05

PROPOSAL DRAWING

PIN DEFINE

PIN	PIN 1	PIN 5	PIN 9	PIN 13	PIN 17	PIN 21	PIN 25		PIN 121	PIN 125	PIN 129	PIN 133	PIN 137	PIN 141	PIN 145
UPPER ROW	G	S	S	G	S	S	G		G	S	S	G	S	S	G
LOWER ROW	G	S	S	G	S	S	G		G	S	S	G	S	S	G
UPPER ROW	G	S	S	G	S	S	G		G	S	S	G	S	S	G
PIN	PIN 4	PIN 8	PIN 12	PIN 16	PIN 20	PIN 24	PIN 28		PIN 124	PIN 128	PIN 132	PIN 136	PIN 140	PIN 144	PIN 148

- NOTE:
1. ALL GND PINS WERE LINKED TOGETHER INSIDE OF CONNECTOR FOR FULL HIGH SPEED APPLICATION
 2. OR 4 GND PINS (FROM A WAFER) LINKED FOR LOW SPEED
 3. FOR POWER APPLICATION, PLEASE REFER THE APPLICATION SPEC.
- THIS MARK LINE TO SHOWN THE AIC INSERT COMPLETELY WHEN IT CLOSED CONNECTOR SURFACE
RECOMMENDED USING SOLDERMASK TO COVER THE TRACE AND VIA

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
U.S.	METRIC	DRAWN			
.X +/-	0.50	CHECKED			
.XX +/-	0.30	APPROVED			
.XXX +/-	0.15	DRAWING FILE :		TITLE	
FRACTIONS +/-	2"	INTERNAL\DRAWING\CE\C CEDX1XXX11XXXX		DOUBLE DENSITY COOL EDGE CONNECTOR	
ANGLES +/-		ANGLE OF PROJECTION		0.80MM PITCH,VERTICAL	
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		SIZE	DRAWING NO.
DIMENSIONS		—U.S.—		A3	C CEDX1XXX11XXXX
—INCHES—		(METRIC)		SCALE	NONE
(mm)				SHEET 2 OF 4	

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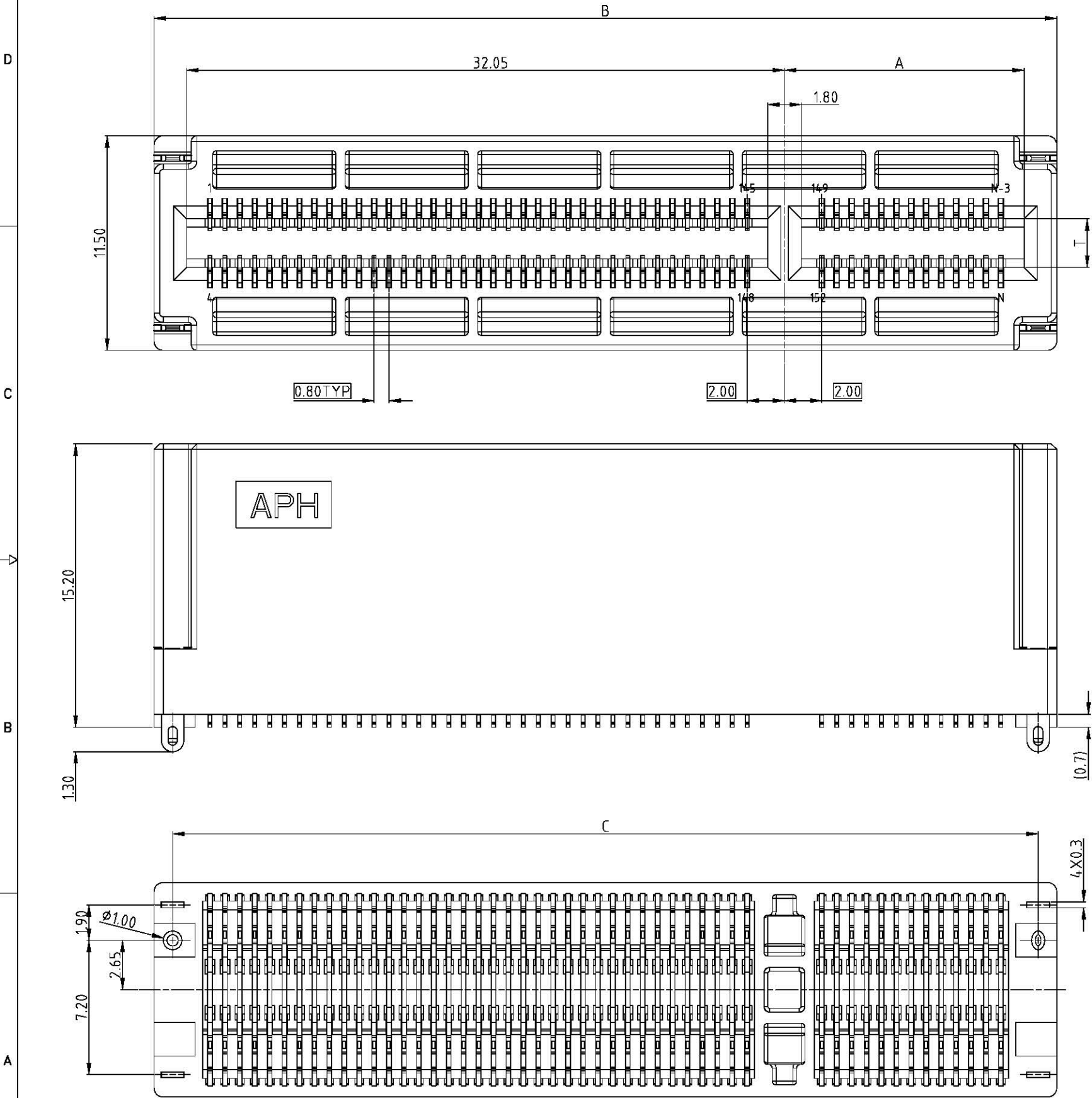
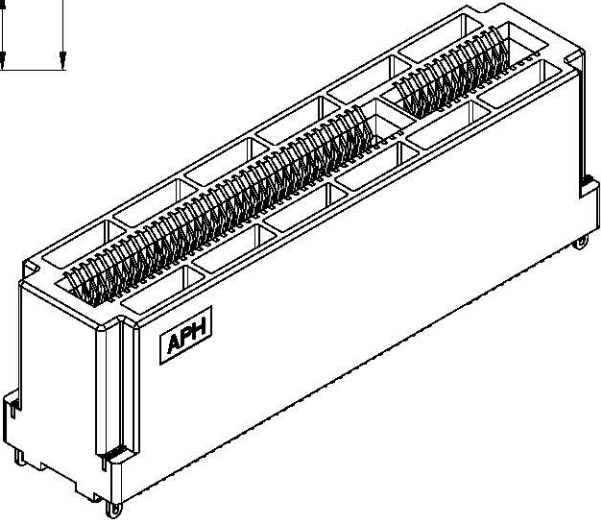
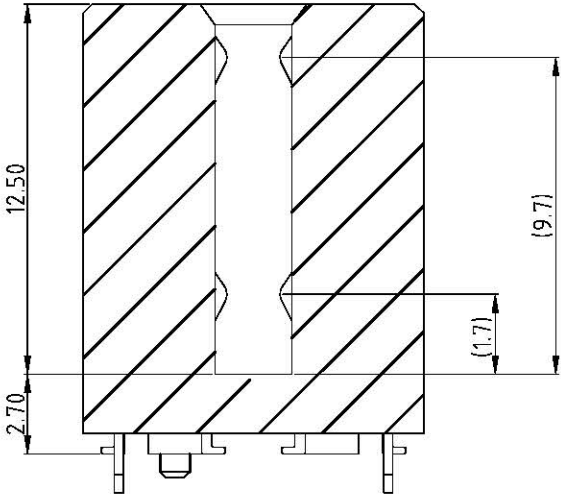
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED

DIM FORM

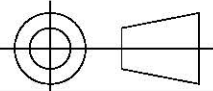
PIN COUNT	200	248	284	320	356	392	428
A	12.85	22.45	29.65	36.85	44.05	51.25	58.45
B	48.4	58.0	65.2	72.4	79.6	86.8	94.0
C	46.4	56.0	63.2	70.4	77.6	84.8	92.0
D	12.55	22.15	29.35	36.55	43.75	50.95	58.15

CARD THICKNESS	1.60	2.36
T	1.80	2.60



PROPOSAL DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
U.S.	METRIC	DRAWN			
.X +/-	0.50	CHECKED		TITLE DOUBLE DENSITY COOL EDGE CONNECTOR 0.80MM PITCH, VERTICAL	
.XX +/-	0.30	APPROVED			
.XXX +/-	0.15	DRAWING FILE :		SIZE	DRAWING NO.
FRACTIONS +/-	2°	INTERNAL\DRAWING\CE\C CEDX1XXX11XXXX		A3	C CEDX1XXX11XXXX
ANGLES +/-		ANGLE OF PROJECTION		SCALE	NONE
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		SHEET 3 OF 4	
DIMENSIONS		U.S. INCHES			
		(METRIC) (mm)			

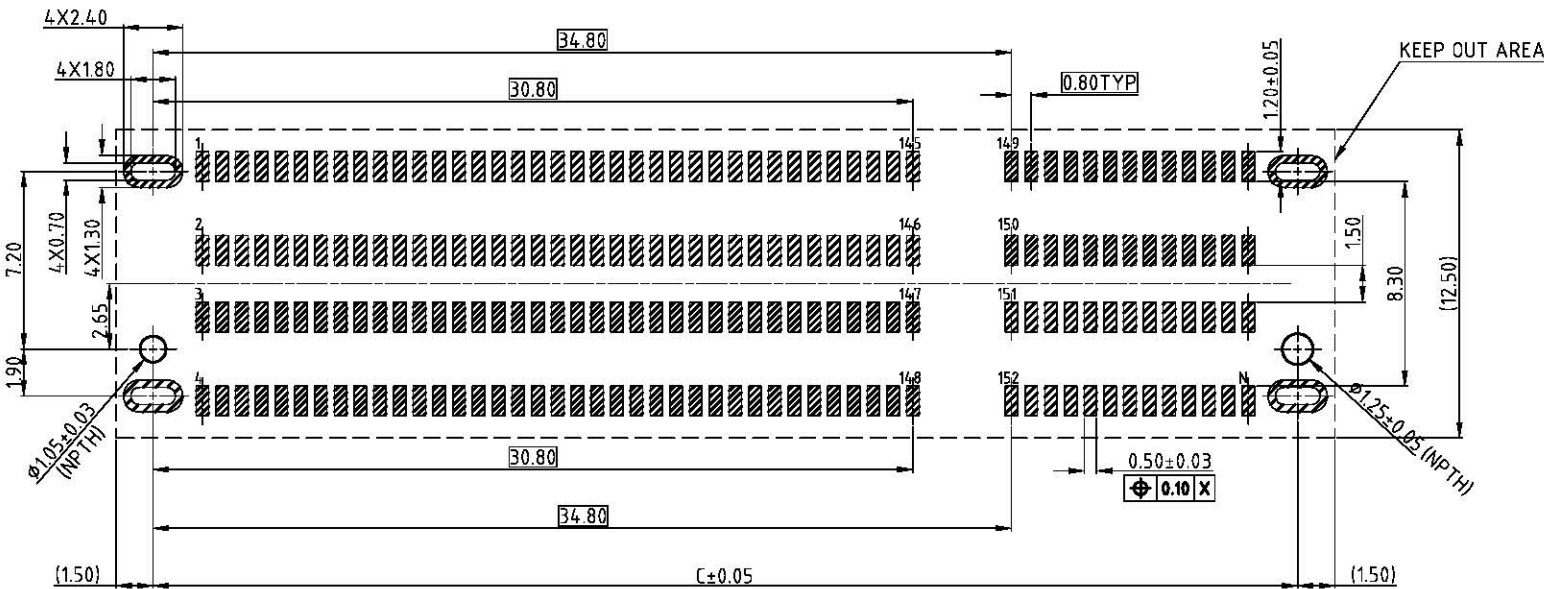
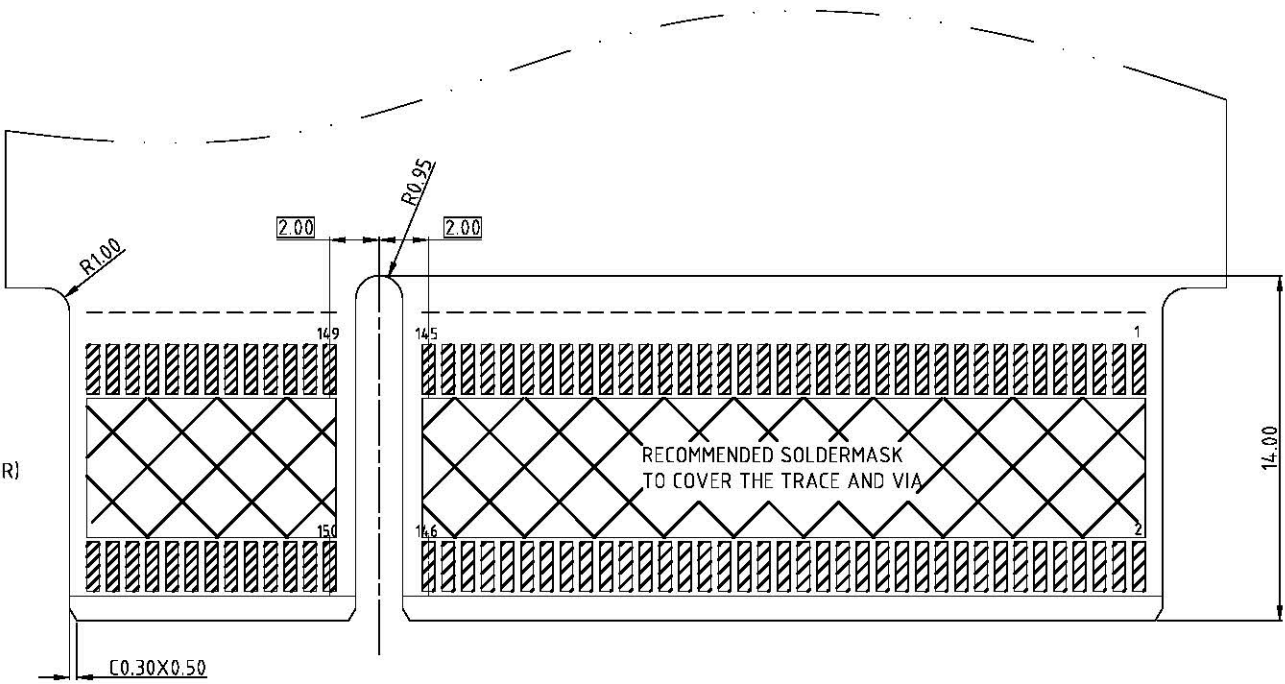
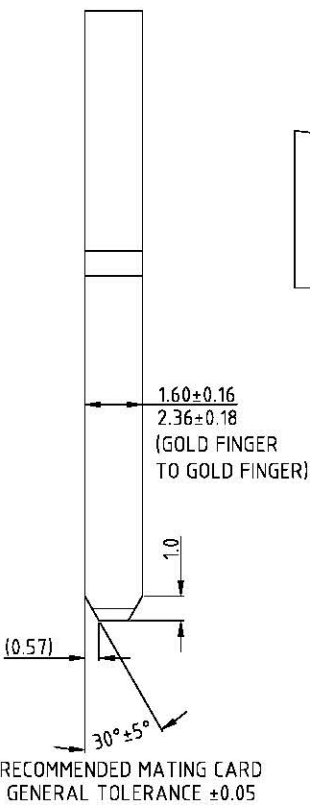
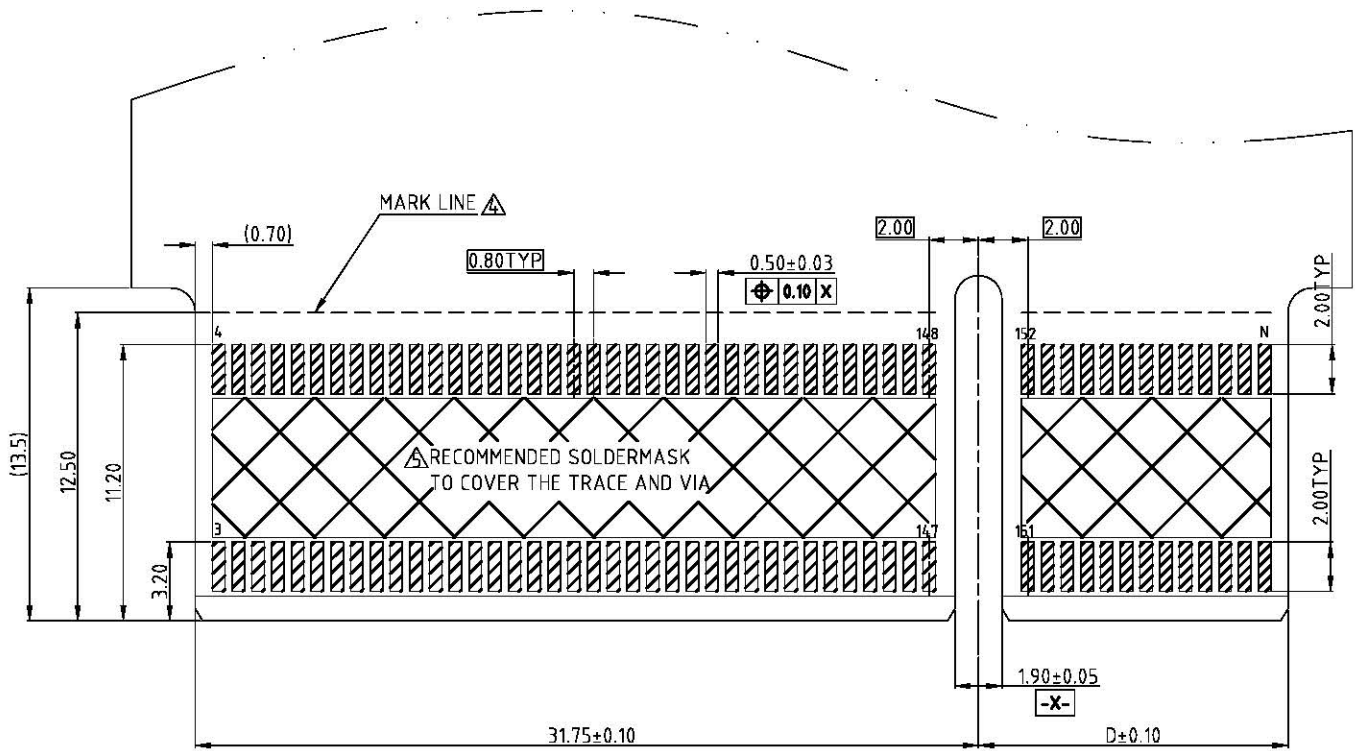


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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED



SOLDERABLE FINISH PLATING ON ALL PADS
RECOMMENDED CONNECTOR FOOTPRINT LAYOUT COMPONENT SIDE SHOWN
GENERAL TOLERANCE ±0.05

PIN DEFINE

PIN	PIN 1	PIN 5	PIN 9	PIN 13		PIN 133	PIN 137	PIN 141	PIN 145		PIN 149	PIN 153	PIN 157	PIN 161		PIN 165	PIN 169	PIN 173	PIN 177
UPPER ROW	G	S	S	G		G	S	S	G		G	S	S	G		G	S	S	G
LOWER ROW	G	S	S	G		G	S	S	G		G	S	S	G		G	S	S	G
UPPER ROW	G	S	S	G		G	S	S	G		G	S	S	G		G	S	S	G
LOWER ROW	G	S	S	G		G	S	S	G		G	S	S	G		G	S	S	G

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- △ RECOMMENDED USING SOLDERMASK TO COVER THE TRACE AND VIA

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S. METRIC		DRAWN	
.X +/- 0.50		CHECKED	
.XX +/- 0.30		APPROVED	
.XXX +/- 0.15			
FRACTIONS +/-			
ANGLES +/- 2°			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		INTERNAL\DRAWING\CE\C CEDX1XXX11XXXX	
DIMENSIONS		ANGLE OF PROJECTION	
—U.S.— INCHES			
(METRIC) (mm)			
TITLE			
DOUBLE DENSITY COOL EDGE CONNECTOR			
0.80MM PITCH, VERTICAL			
SIZE	DRAWING NO.	REV.	
A3	C CEDX1XXX11XXXX		
SCALE	NONE	SHEET 4 OF 4	

PROPOSAL DRAWING