

CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED

PN SYSTEM
CEDX1XXX11XXXXXX

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
.....

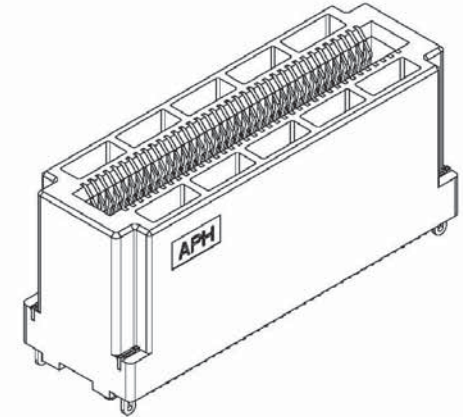
PIN COUNT
(SEE DIM FORM)

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

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\CD\CEDX1XXX11XXXXXX	
DIMENSIONS	ANGLE OF PROJECTION	
—U.S.— —INCHES—		
(METRIC) (mm)		

Amphenol

TITLE
DOUBLE DENSITY COOL EDGE CONNECTOR
0.80MM PITCH, VERTICAL

SIZE	DRAWING NO.	REV.
A3	C CEDX1XXX11XXXXXX	
SCALE	NONE	SHEET 1 OF 4

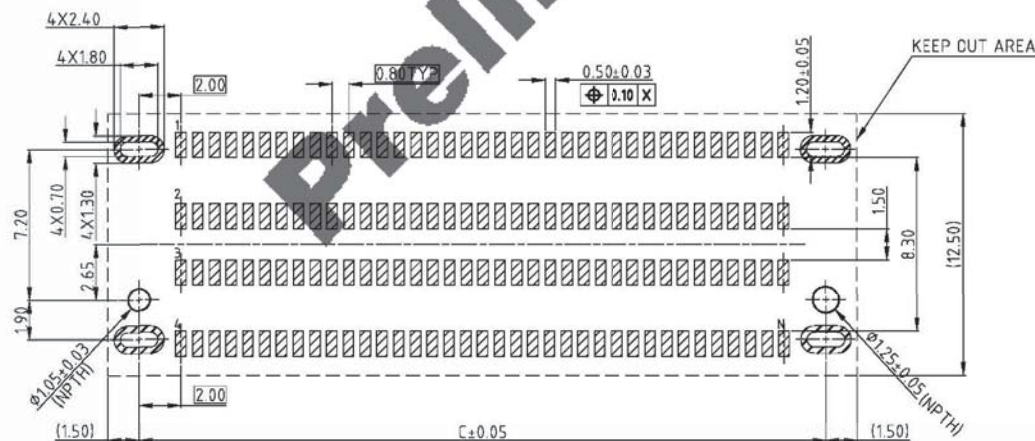
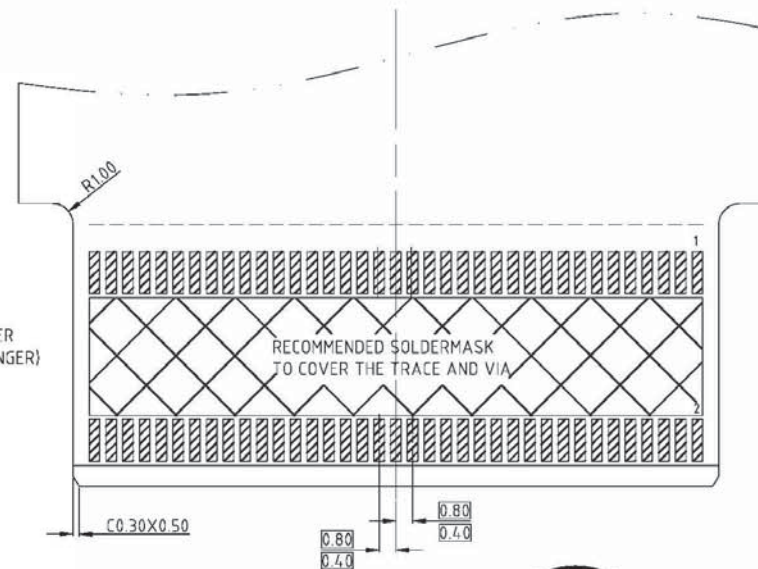
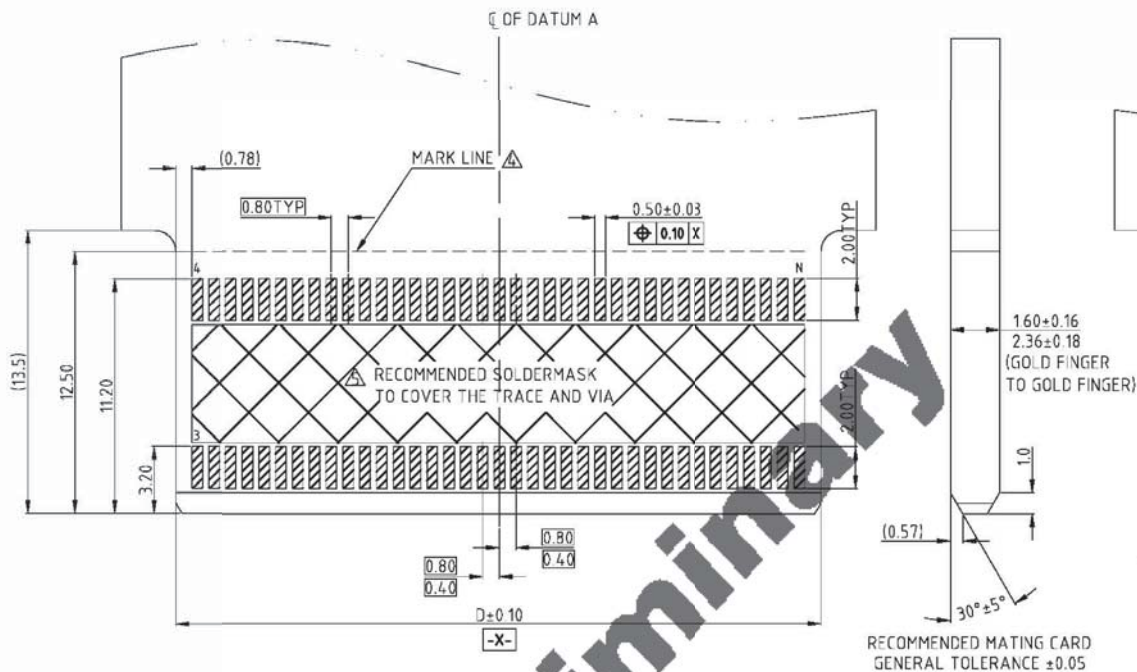
PROPOSAL DRAWING



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 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
LOWER ROW	G	S	S	G	S	S	G	...	G	S	S	G	S	S	G

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	U.S.	METRIC
.X	+/-	0.50
.XX	+/-	0.30
.XXX	+/-	0.15
FRACTIONS	+/-	
ANGLES	+/-	2°
FOR MATERIALS AND FINISHES SEE NOTES		
REMOVE SHARP EDGES		
DIMENSIONS		
—U.S.—	—INCHES—	
(METRIC)	(mm)	

APPROVAL	DATE
DRAWN	
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CC\CC CEDX1XXX11XXXXX	
ANGLE OF PROJECTION	

Amphenol	
TITLE DOUBLE DENSITY COOL EDGE CONNECTOR 0.80MM PITCH, VERTICAL	
SIZE	DRAWING NO.
A3	C CEDX1XXX11XXXXX
SCALE	NONE
SHEET	2 OF 4

PROPOSAL DRAWING

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CUSTOMER DRAWING

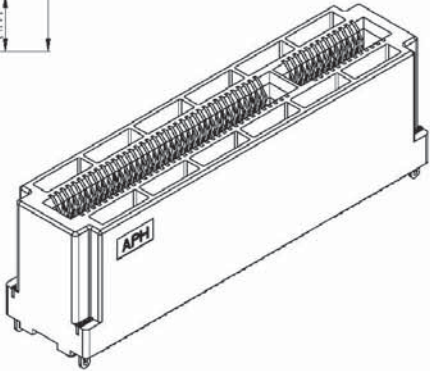
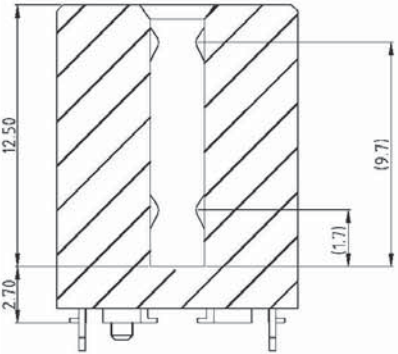
REVISIONS

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	
	U.S. METRIC
.X	+/- 0.50
.XX	+/- 0.30
.XXX	+/- 0.15
FRACTIONS	+/-
ANGLES	+/- 2°
FOR MATERIALS AND FINISHES SEE NOTES	
REMOVE SHARP EDGES	
DIMENSIONS	
—U.S.—	—INCHES—
(METRIC)	(mm)

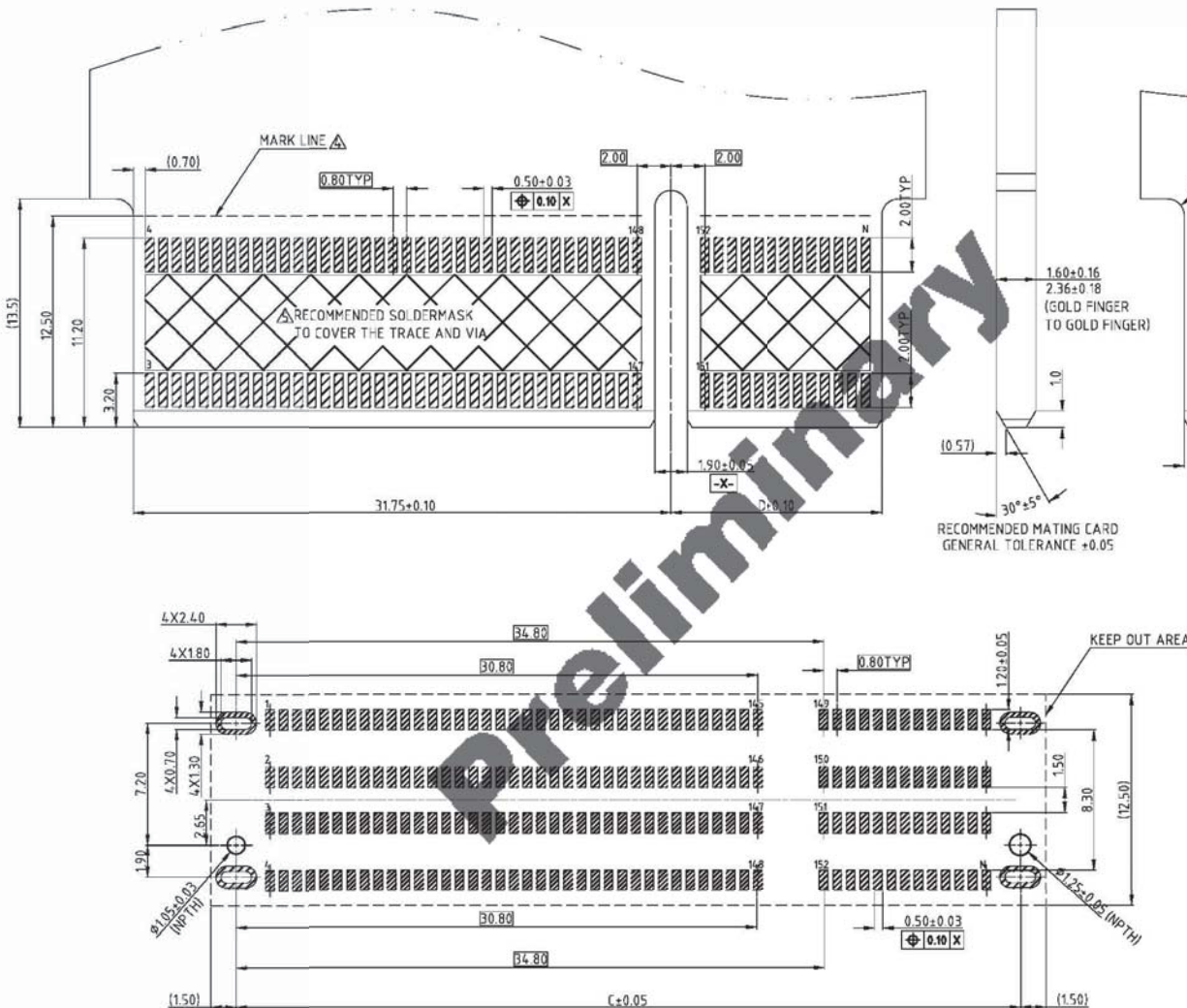
APPROVAL	DATE
DRAWN	
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CD\CD CEDX1XXX11XXXX	
ANGLE OF PROJECTION	

Amphenol	
TITLE	
DOUBLE DENSITY COOL EDGE CONNECTOR 0.80MM PITCH, VERTICAL	
SIZE	DRAWING NO.
A3	C CEDX1XXX11XXXX
SCALE	NONE
SHEET 3 OF 4	

CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED



RECOMMENDED MATING CARD
GENERAL TOLERANCE +0.05



PIN DEFINE

PIN	PIN 1	PIN 5	PIN 9	PIN 13	-----	PIN 133/PIN 137/PIN 141/PIN 145	KEY	PIN 149/PIN 153/PIN 157/PIN 161	-----	PIN 412/PIN 417/PIN 421/PIN 425
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
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
UPPER ROW	G	S	S	G	-----	G S S G		G S S G	-----	G S S G
PIN	PIN 4	PIN 8	PIN 12	PIN 16	-----	PIN 136/PIN 140/PIN 144/PIN 148		PIN 152/PIN 156/PIN 160/PIN 164		PIN 416/PIN 420/PIN 424/PIN 428

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

PROPOSAL DRAWING

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 :		TITLE	
REMOVE SHARP EDGES		INTERNAL\DRAWING\CD\CD CEDX1XXX11XXXX		DOUBLE DENSITY COOL EDGE CONNECTOR 0.80MM PITCH, VERTICAL	
DIMENSIONS		ANGLE OF PROJECTION		SIZE	
—U.S.— —INCHES—		[Symbol]		DRAWING NO.	
(METRIC) (mm)				A3 C CEDX1XXX11XXXX	
				REV.	
				SCALE	
				NONE	
				SHEET 4 OF 4	