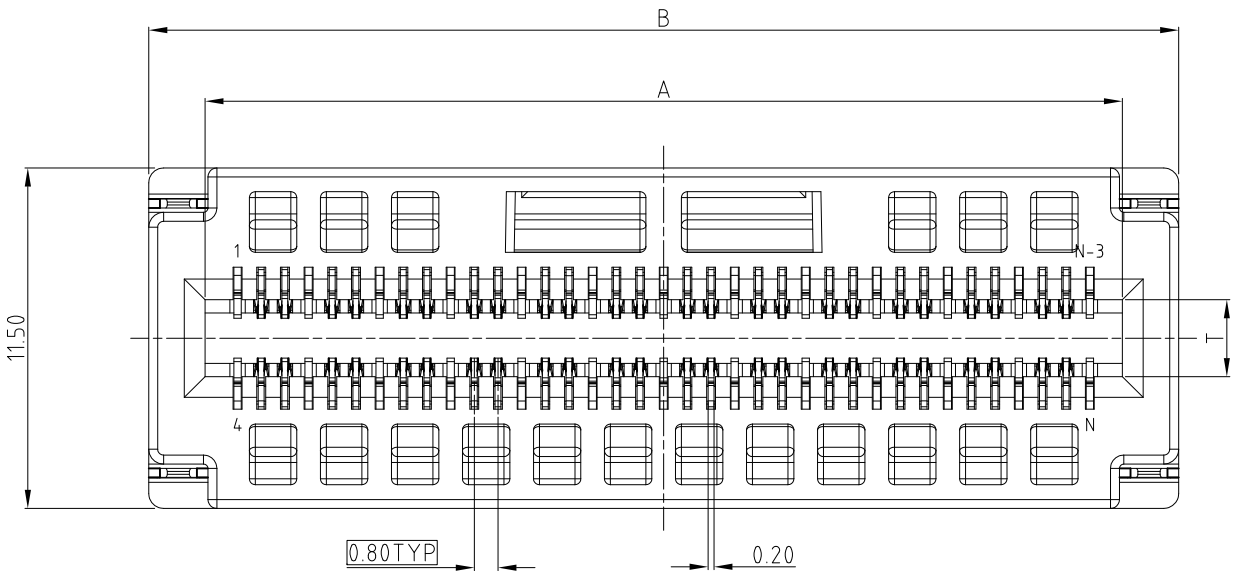


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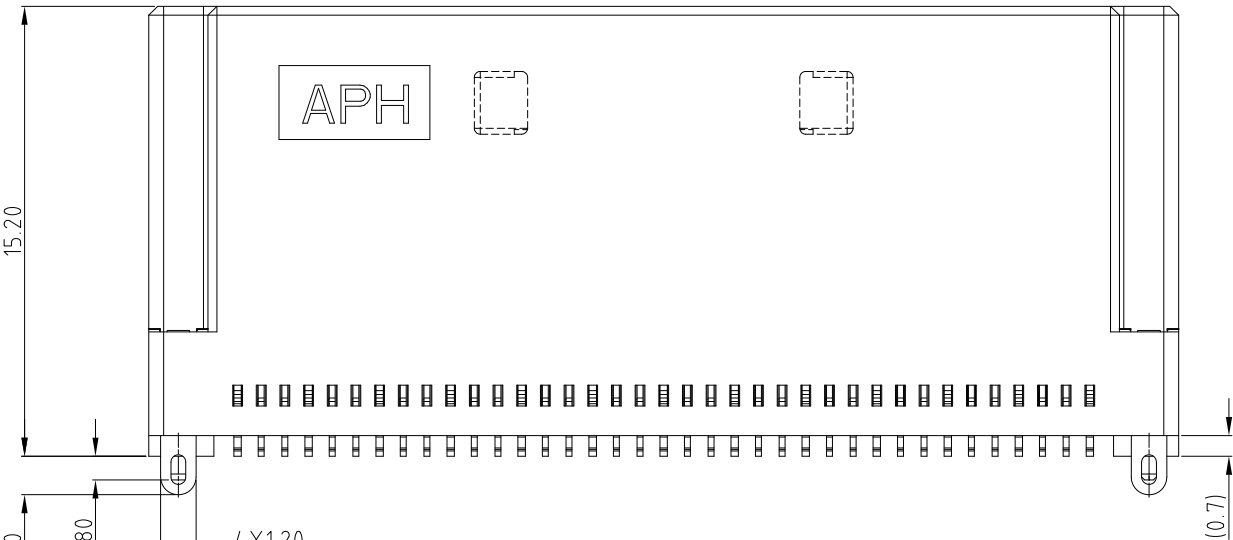
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
11	CD2021	UPDATE 3D VIEW ON PAGE 3	Dec.04,2020	YH

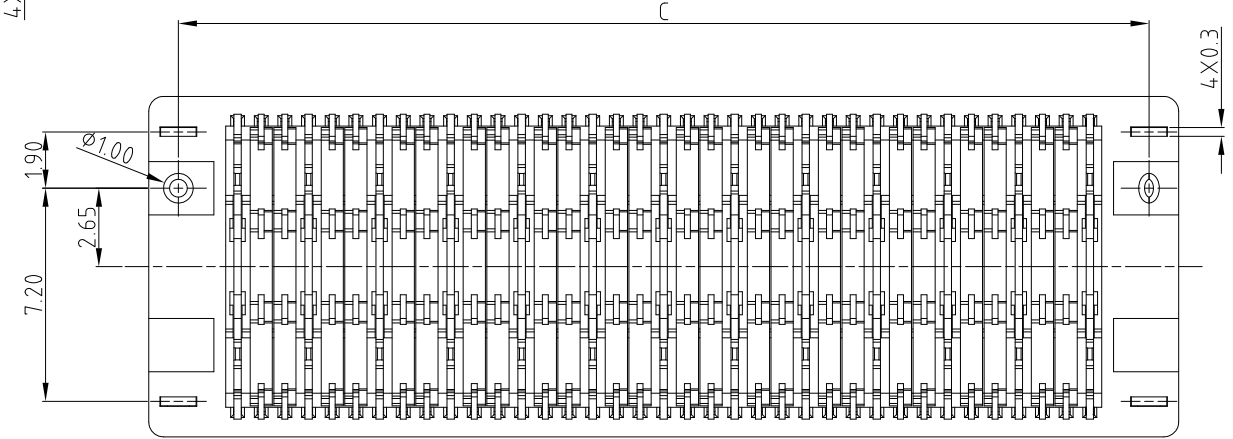
D



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 GXT

SINGLE END WAFER
00 0 WAFER
01 1 WAFER
.....
99 99 WAFER

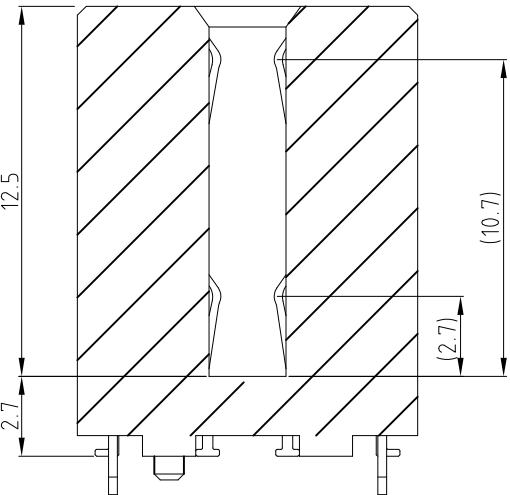
CARD THICKNESS
1 1.60MM (1.57MM)
2 2.36MM

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
7 TAPE & REEL WITHOUT MYLAR (SUPPORT PIN COUNT LESS THAN 284)

DIM FORM

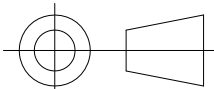
PIN COUNT	76	112	148
A	16.6	23.8	31.0
B	20.4	27.6	34.8
C	18.4	25.6	32.8
D	16.45	23.65	30.85

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		Amphenol							
U.S.		DRAWN		Mar.13,2020									
METRIC		CHECKED											
		APPROVED											
.X +/- 0.50 .XX +/- 0.30 .XXX +/- 0.15 FRACTIONS +/- ANGLES +/- 2°		DRAWING FILE :		INTERNAL\DRAWING\CE\C CEDX1XXX11XXXXX		TITLE COOL EDGE DOUBLE DENSITY CONNECTOR 0.80MM PITCH,VERTICAL							
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		ANGLE OF PROJECTION				SIZE		DRAWING NO.		REV.	
		DIMENSIONS						A3		C CEDX1XXX11XXXXX		11	
—U.S.—		—INCHES—											
(METRIC)		(mm)						SCALE		NONE		SHEET 1 OF 5	

D

C

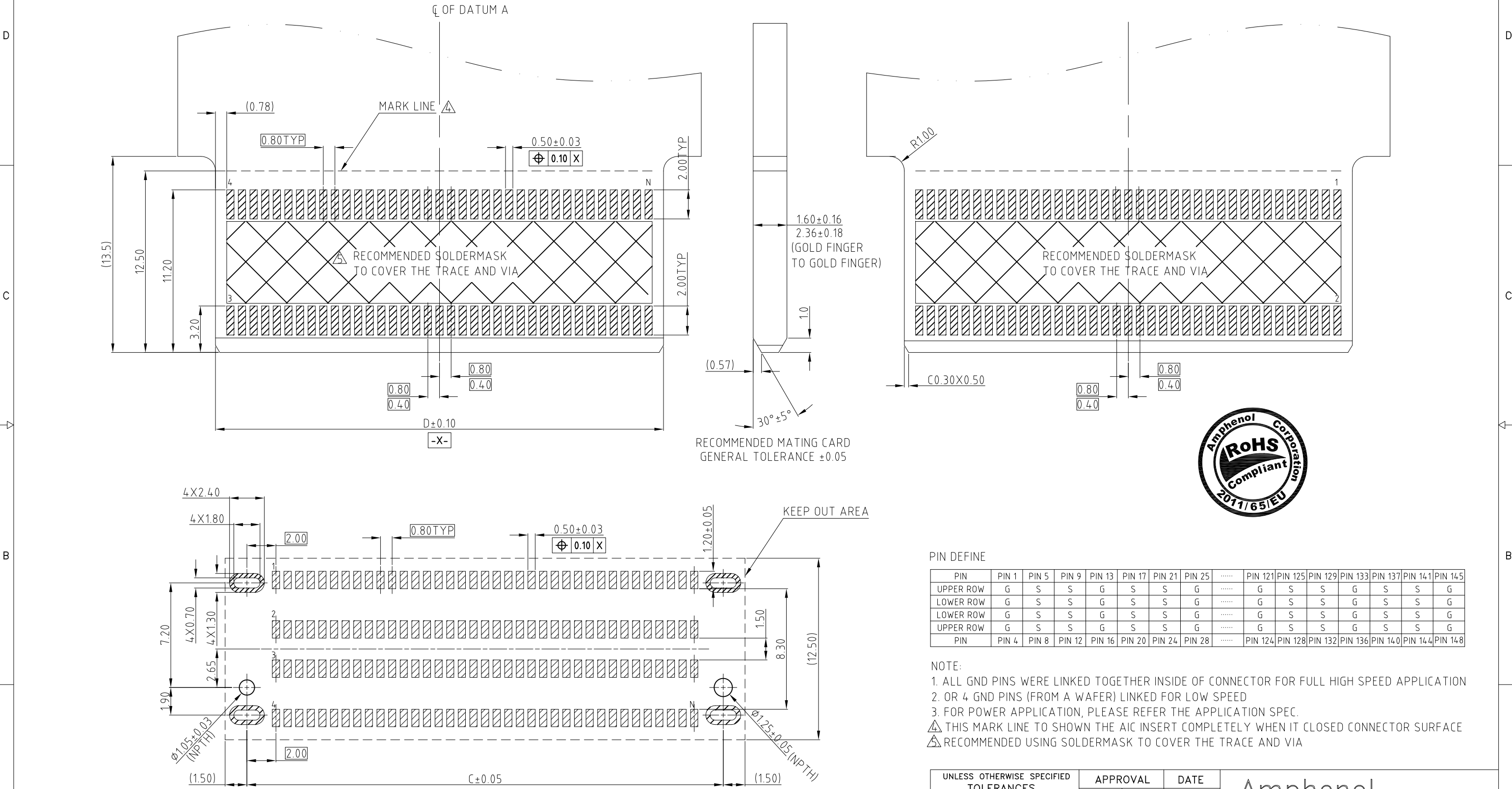
B

A

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

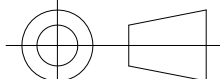


PIN DEFINE

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		Mar.13,2020									
.X +/- 0.50		CHECKED											
.XX +/- 0.30		APPROVED											
.XXX +/- 0.15						TITLE COOL EDGE DOUBLE DENSITY CONNECTOR 0.80MM PITCH,VERTICAL							
FRACTIONS +/-		DRAWING FILE :											
ANGLES +/- 2"		INTERNAL\DRAWING\CE\C CEDX1XXX11XXXX											
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION											
REMOVE SHARP EDGES						SIZE		DRAWING NO.		REV.			
DIMENSIONS						A3		C CEDX1XXX11XXXX		11			
—U.S.—						INCHES		SCALE		NONE		SHEET 2 OF 5	
(METRIC)						(mm)							

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

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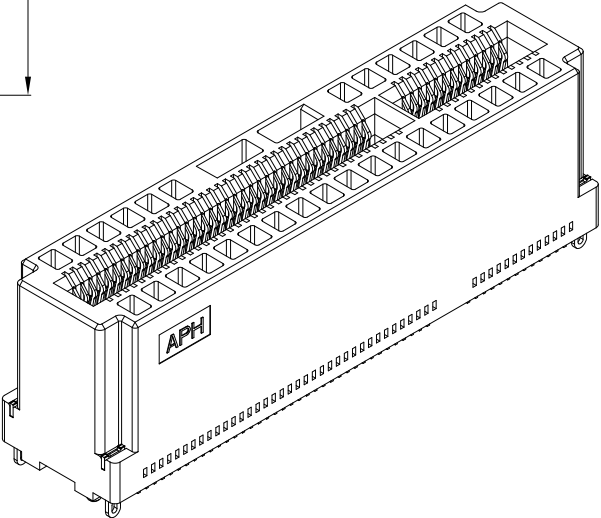
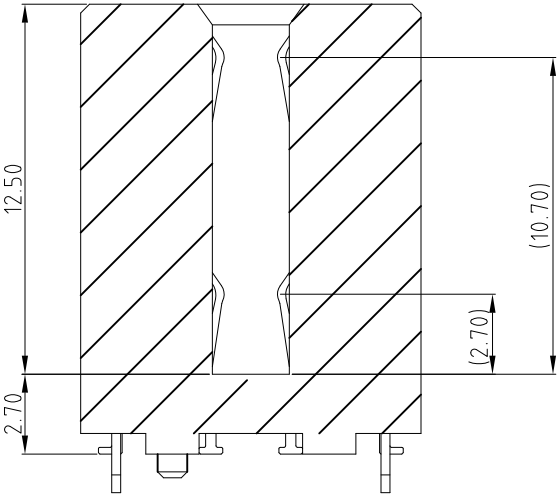
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

DIM FORM

PIN COUNT	200
A	12.85
B	48.4
C	46.4
D	12.55

CARD THICKNESS	1.60	2.36
T	1.80	2.60



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	Mar.13,2020
CHECKED	
APPROVED	
DRAWING FILE : INTERNAL\DRAWING\CE\C CEDX1XXX11XXXX	
ANGLE OF PROJECTION	

Amphenol		
TITLE COOL EDGE DOUBLE DENSITY CONNECTOR 0.80MM PITCH, VERTICAL		
SIZE A3	DRAWING NO. C CEDX1XXX11XXXX	REV. 11
SCALE	NONE	SHEET 3 OF 5

D

C

B

A

D

C

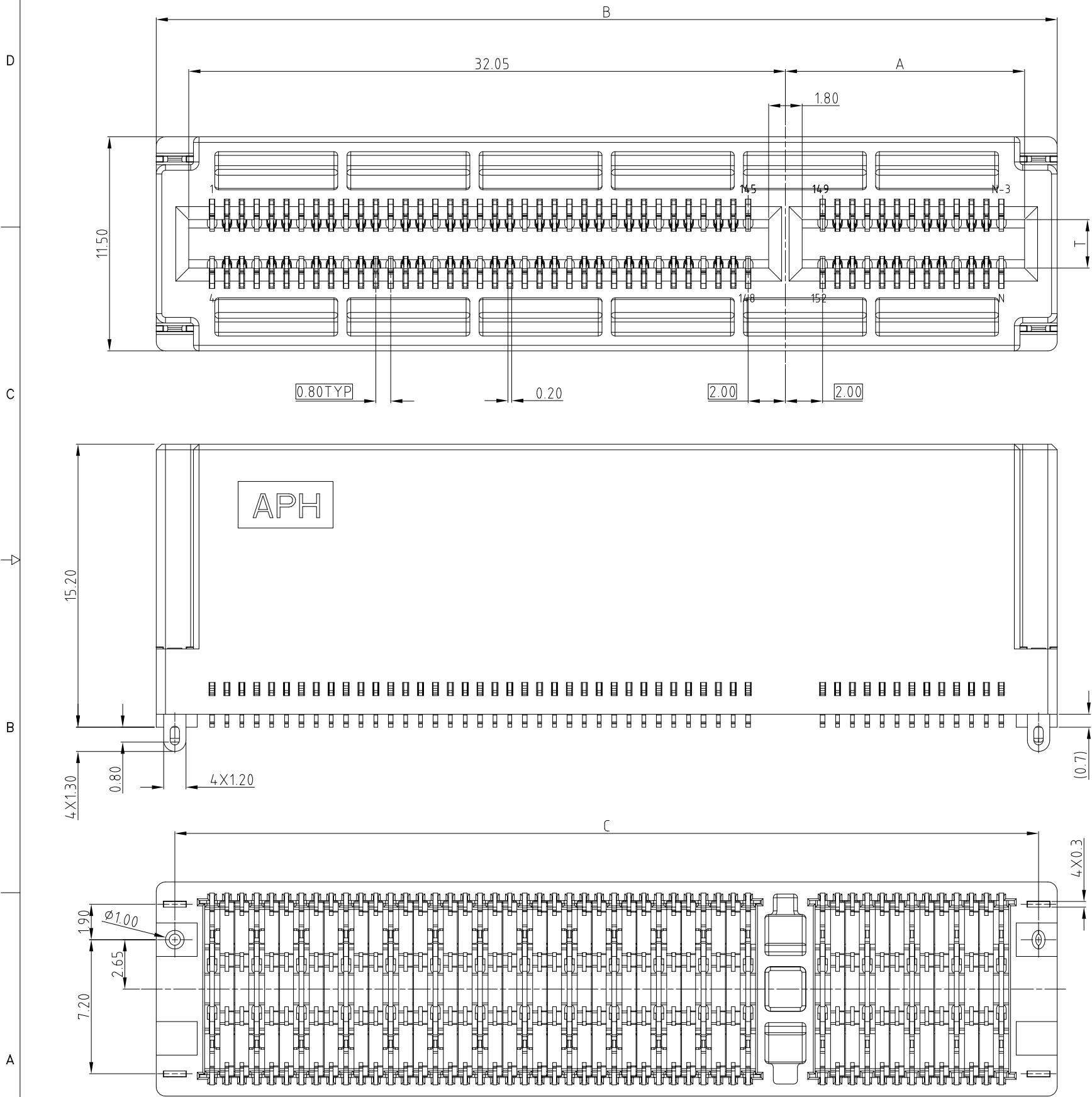
B

A

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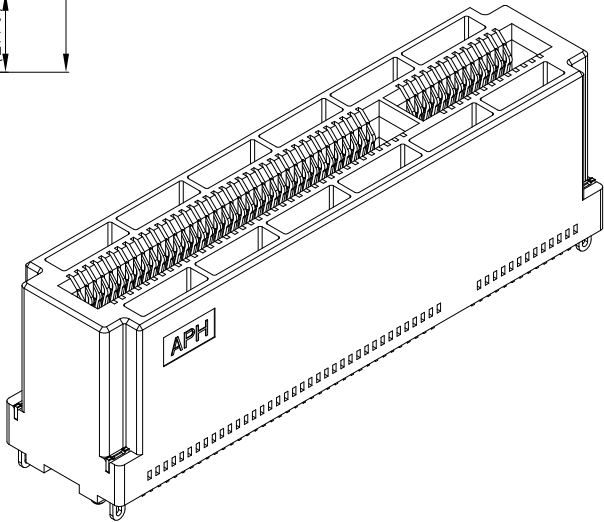
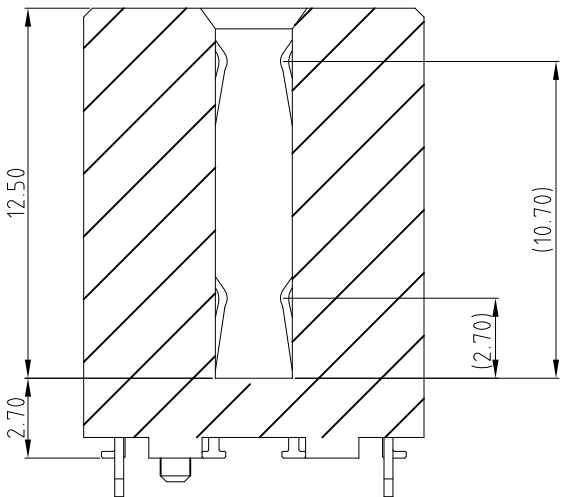
CUSTOMER DRAWING

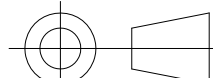
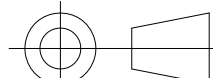
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



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

CARD THICKNESS	1.60	2.36
T	1.80	2.60



UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE		Amphenol					
TOLERANCES		DRAWN		Mar.13,2020							
U.S.		CHECKED				TITLE COOL EDGE DOUBLE DENSITY CONNECTOR 0.80MM PITCH, VERTICAL					
METRIC		APPROVED									
.X +/- / 0.50 .XX +/- / 0.30 .XXX +/- / 0.15 FRACTIONS +/- / ANGLES +/- 2°		DRAWING FILE :		INTERNAL\DRAWING\CE\C CEDX1XXX11XXXXX							
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION				SIZE		DRAWING NO.		REV.	
REMOVE SHARP EDGES						A3		C CEDX1XXX11XXXXX		11	
DIMENSIONS						SCALE		NONE		SHEET 4 OF 5	
— U.S. —		INCHES									
(METRIC)		(mm)									

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CUSTOMER DRAWING

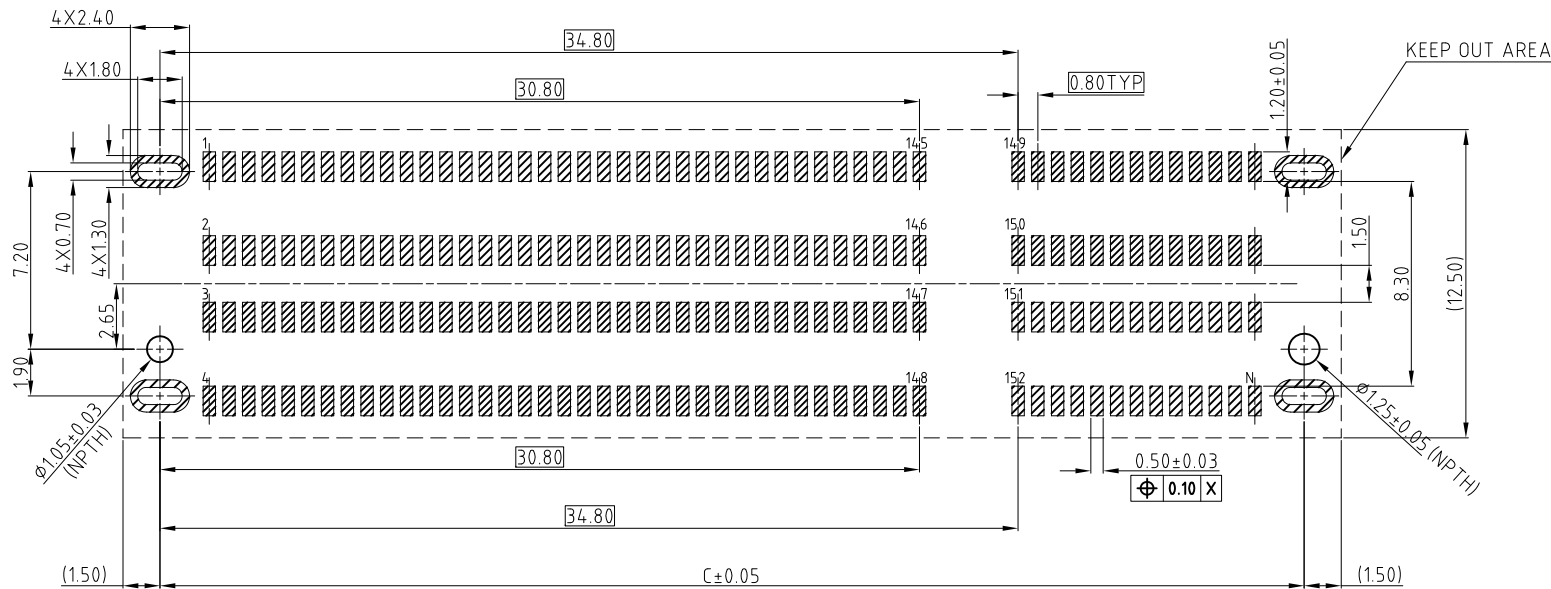
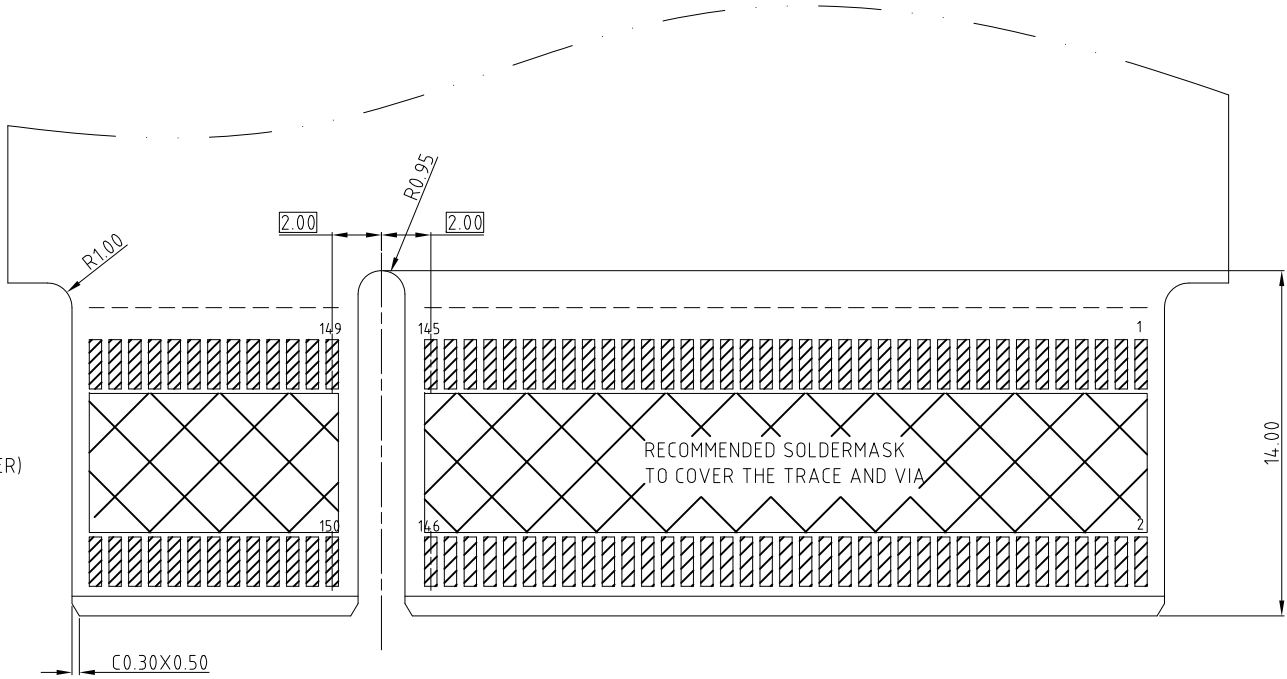
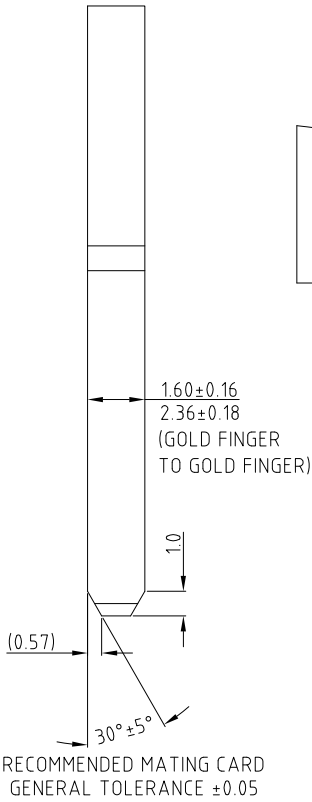
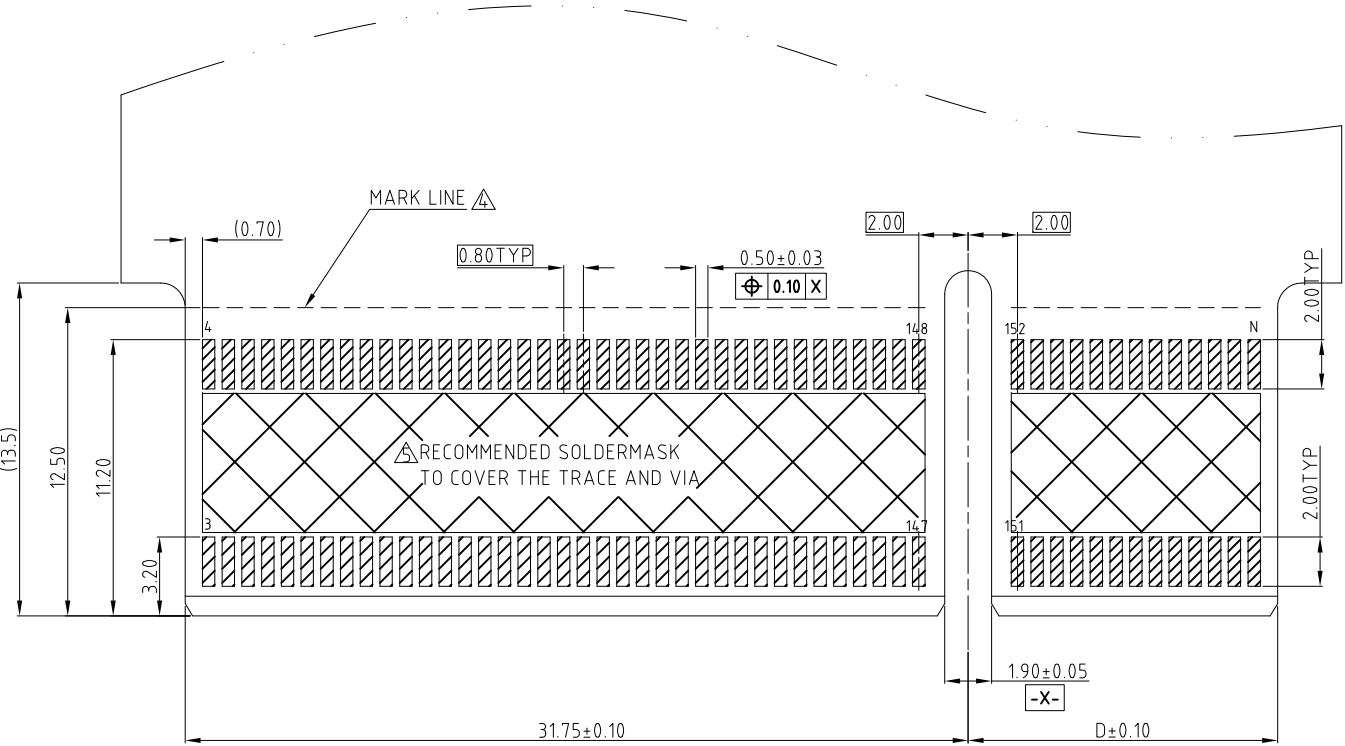
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

D

C

B

A



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	KEY	PIN 149	PIN 153	PIN 157	PIN 161		PIN 142	PIN 147	PIN 141	PIN 142
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
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 146	PIN 140	PIN 142	PIN 142

NOTE:

- ALL GND PINS WERE LINKED TOGETHER INSIDE OF CONNECTOR FOR FULL HIGH SPEED APPLICATION
 - OR 4 GND PINS (FROM A WAFER) LINKED FOR LOW SPEED
 - 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	
.X	+/-	DRAWN	Mar.13,2020		
.XX	+/-	CHECKED			
.XXX	+/-	APPROVED			
FRACTIONS	+/-	DRAWING FILE :		TITLE	
ANGLES	+/-	INTERNAL\DRAWING\CE\C CEDX1XXX11XXXXX		COOL EDGE DOUBLE DENSITY CONNECTOR 0.80MM PITCH, VERTICAL	
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION		SIZE	DRAWING NO.
REMOVE SHARP EDGES		DIMENSIONS		A3	C CEDX1XXX11XXXXX
—U.S.—		INCHES		SCALE	NONE
(METRIC)		(mm)		SHEET 5 OF 5	

A