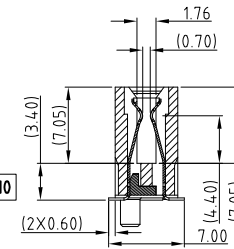
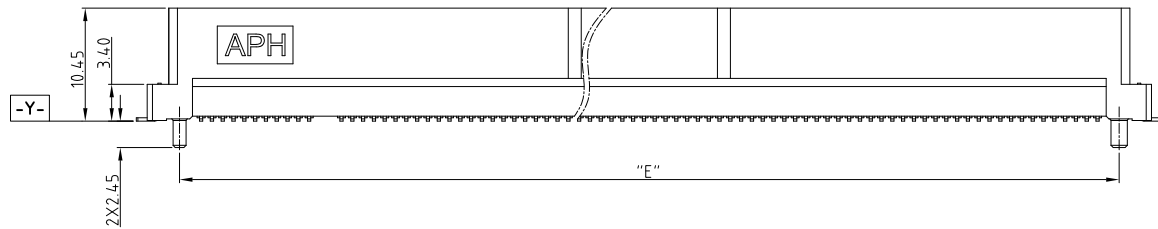
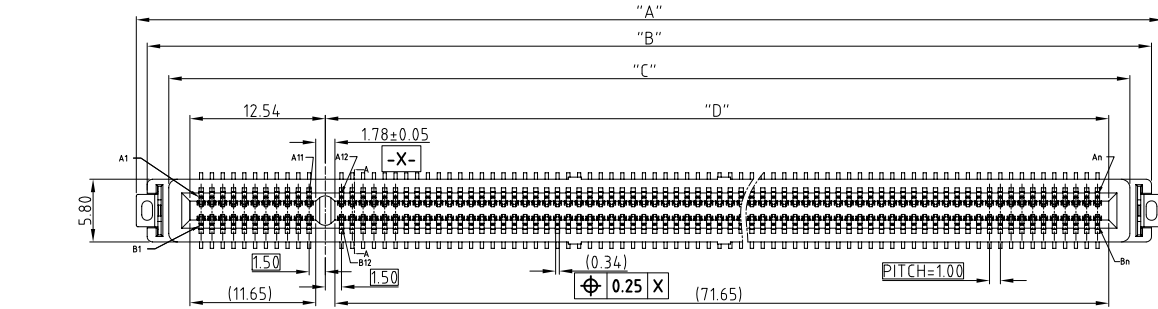


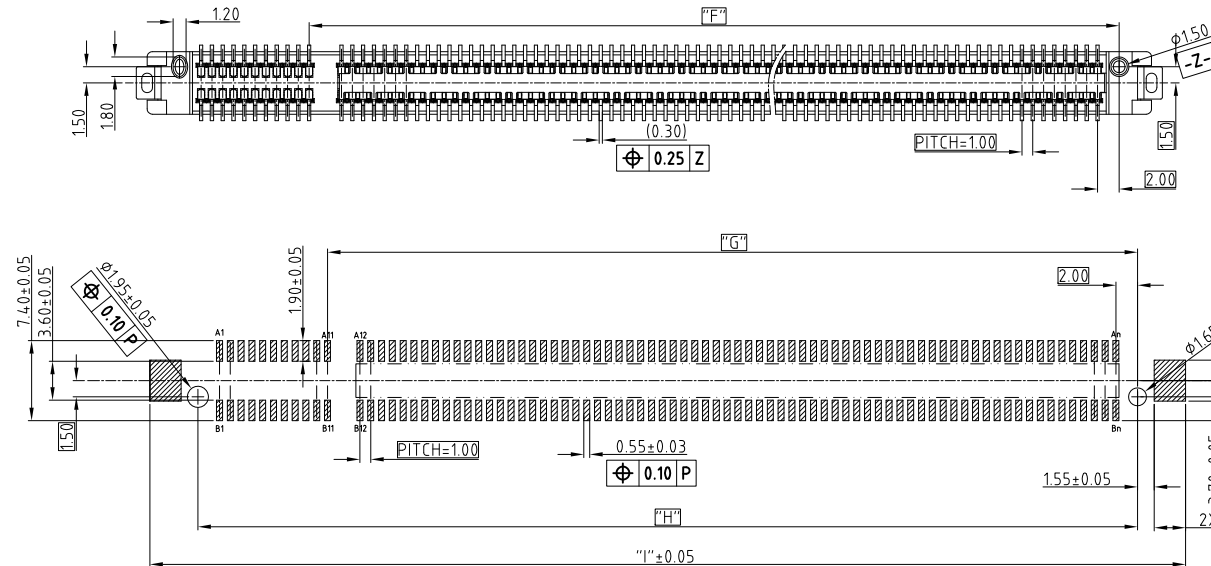
CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	First Proposal	Jan.11,2018	
2	N/A	Update PN	May.11,2018	



SECTION: A-A



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05

PART NUMBER SYSTEM

CEE0XXX001401X	X
	PLATING SPEC
	1 0.76um Au
	2 0.38um Au
	3 GOLD FLASH
	4 0.76um PdNi+GOLD FLASH
	Speed
	10 32Gbps
	11 16Gbps
	PIN COUNT
	98
	164



NOTE:

- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC BLACK UL94-V0
CONTACT: COPPER ALLOY
BOARDLOCK: SPCC
- PLATING:
CONTACT: MATING AREA: SEE PLATING SEPC OVER 1.27-2.54 UM NICKEL UNDERPLATED
SOLDER AREA: 1.27 MIN TIN OVER 1.27-2.54 UM NICKEL UNDERPLATED
BOARDLOCK: 1.27 MIN TIN OVER 1.27-2.54UM NICKEL UNDERPLATED
- ELECTRICAL PERFORMANCE:
RATED CURRENT FOR SIGNAL PIN: 0.7A/PIN;
RATED CURRENT FOR Power Pin:1.1A/pin(total:8pin Include:A2/A3/A9/A10/B1/B2/B3/B8).
- PRODUCT SHALL MEET ALL DIMENSIONS BEFORE EXPOSURE TO 260°C MAX. FOR 10S
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC # SSN002
- ORDERING PN: REFER TO THE PN SYSTEM
- 25~32Gbps: THE ECB CONNECTS ALL GND PIN.
16Gbps max: DO NOT HAVE TO CONNECTS ALL GND PIN

UNLESS OTHERWISE SPECIFIED TOLERANCES	
U.S.	METRIC
.X +/-	0.25
.XX +/-	0.20
.XXX +/-	0.15
FRACTIONS +/-	5°
ANGLES +/-	
FOR MATERIALS AND FINISHES SEE NOTES	
REMOVE SHARP EDGES	
DIMENSIONS	
—U.S.—	INCHES
(METRIC)	(mm)

APPROVAL		DATE
DRAWN	Xg.liu	May.11,2018
CHECKED		
APPROVED		
DRAWING FILE :		
INTERNAL\DRAWING\CEC C CEE0XXX001401YX		
ANGLE OF PROJECTION		

Amphenol

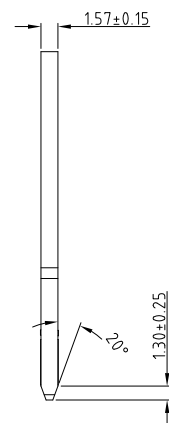
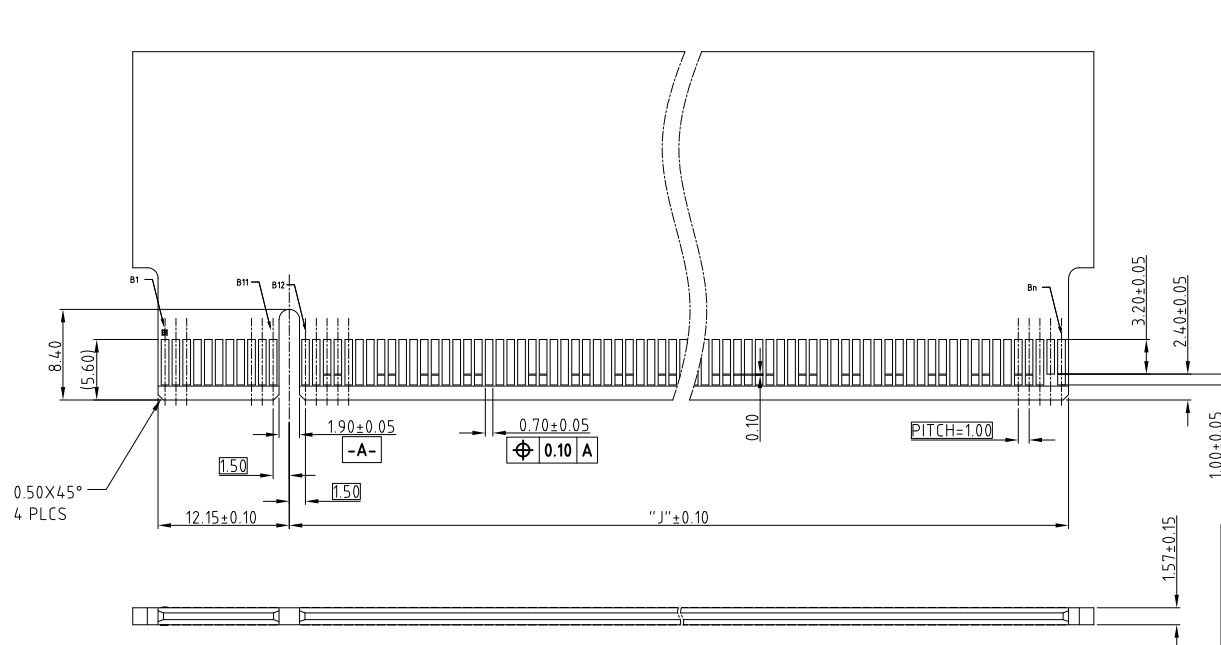
TITLE
Cool Edge
1.0mm pitch connector

SIZE	DRAWING NO.	REV.
A3	C CEE0XXX001401YX	2
SCALE	NONE	SHEET 1 OF 2

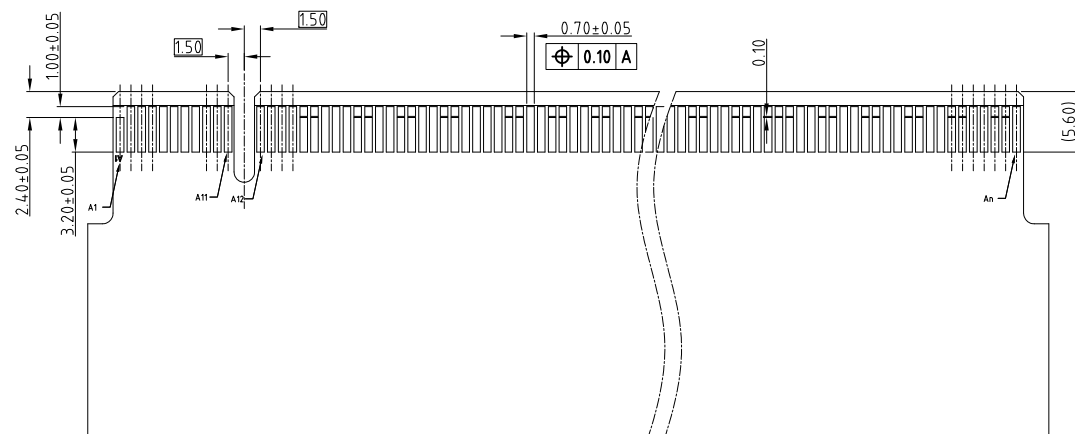
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED



DIMENSIONS										
POSITION	A	B	C	D	E	F	G	H	I	J
98PIN	62.00	60.00	56.00	39.54	54.00	42.00	42.00	54.00	62.90	39.15
164PIN	95.00	93.00	89.00	72.54	87.00	75.00	75.00	87.00	95.90	72.15

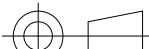


SIDE A GND PIN	A12,A15,A18,A20,A23,A24,A27,A28,A31,A34,A37, A38,A41,A42,A45,A46,A49,A51,A54,A55,A58,A59, A62,A63,A66,A67,A70,A71,A74,A75,A78,A79,A82
SIDE B GND PIN	B13,B16,B18,B21,B22,B25,B26,B29,B32,B35,B36,B3, B40,B43,B44,B47,B49,B52,B53,B56,B57,B60,B61,B6 B65,B68,B69,B72,B73,B76,B77,B80

GND PIN Definition

RECOMMENDED LAY OUT FOR MATING CARD, THICKNESS=1.57mm
GENERAL TOLERANCE +0.05



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	
U.S. METRIC		DRAWN Xg.llu		May.11,2018	
.X +/— 0.10		CHECKED		Amphenol	
.XX +/— 0.05		APPROVED			
.XXX +/— 0.03					
FRACTIONS +/—		DRAWING FILE :		TITLE	
ANGLES +/— 5°		INTERNAL DRAWING, CEE C CEE000001401YX		Cool Edge	
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION		1.0mm pitch connector	
REMOVE SHARP EDGES				SIZE DRAWING NO.	
DIMENSIONS				A3 C CEE000001401YX	
—U.S.— —INCHES—				REV. 2	
(METRIC)	(mm)	SCALE NONE		SHEET 2 OF 2	