

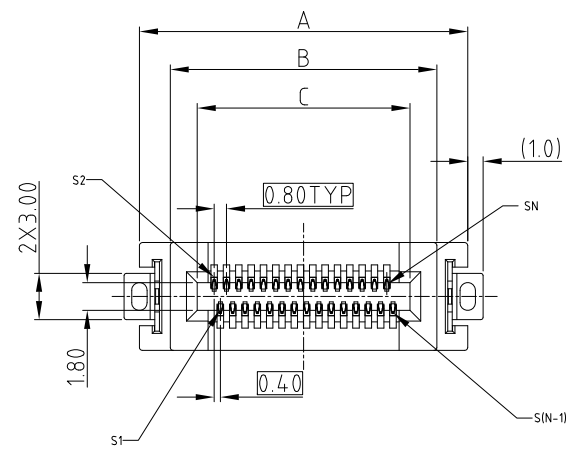
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# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
7	CD1275	UPDATE DRAWING	Apr.25,2018	

D  
C  
B  
A

D  
C  
B  
A



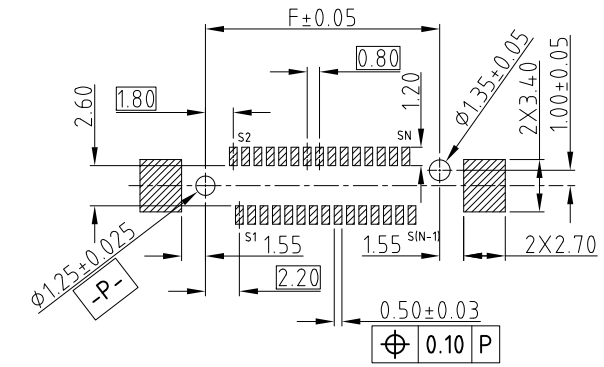
SIGNAL SPEED/IMPEDANCE  
1: BELOW 16Gbps  
2: 16~32Gbps WITH 85 ohm

CARD THICKNESS  
0: 1.60MM  
GUIDE HOLE  
0: WITHOUT GUIDE HOLE  
G: WITH GUIDE HOLE

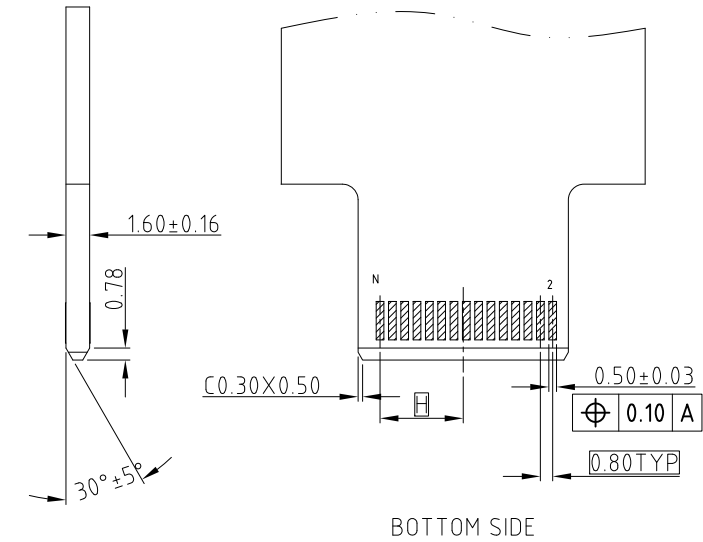
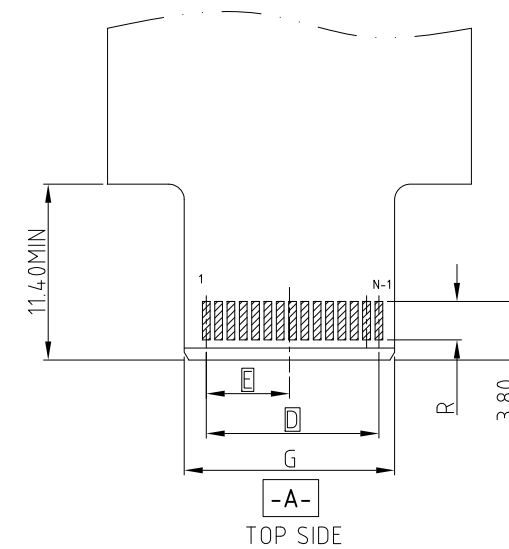
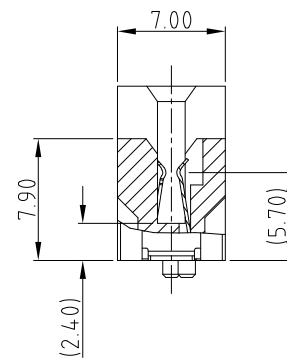
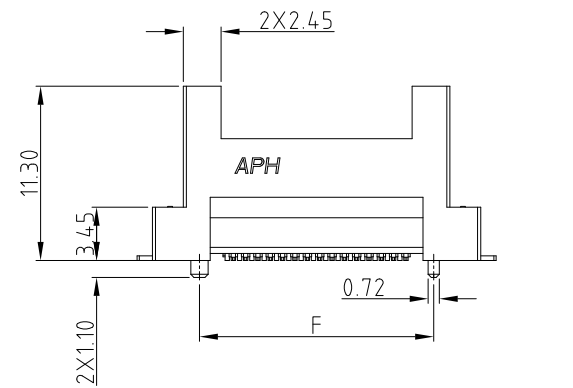
PLATING SPEC  
1: 0.76um Au  
2: 0.38um Au  
3: GOLD FLASH  
4: 0.76umPdNi +GF

POWER PIN COUNT  
0: WITHOUT POWER PIN  
2: 2PIN  
4: 4PIN  
6: 6PIN

SIGNAL PIN COUNT  
000: 0 PIN ; 080: 80PIN  
020: 20PIN ; 100: 100PIN  
026: 26PIN ; 120: 120PIN  
040: 40PIN ; 140: 140PIN  
050: 50PIN ; 160: 160PIN  
060: 60PIN ; 180: 180PIN  
200: 200PIN



RECOMMEND SOLDER PCB LAYOUT  
GENERAL TOLERANCE ±0.05MM



RECOMMEND MATING CARD, THICKNESS=1.60±0.16MM  
GENERAL TOLERANCE ±0.05MM



SYSTEM	DIM R
IMPEDANCE	(GOLD FINGER LENGTH)
85 ohm	2.50

PIN COUNT	DIMENSION							
	A	B	C	D	E	F	G	H
N (SIGNAL)								
20	17.30	13.30	9.80	7.20	3.40	11.20	9.65	3.40
26	19.70	15.70	12.20	9.60	4.60	13.60	12.05	4.60
40	25.30	21.30	17.80	15.20	7.40	19.20	17.65	7.40
50	29.30	25.30	21.80	19.20	9.40	23.20	21.65	9.40

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 POWER PIN: REFER PRODUCT APPLICATION SPEC  
RATED CURRENT FOR SIGNAL PIN: REFER PRODUCT APPLICATION SPEC
- PRODUCT SHALL MEET ALL DIMENSIONS BEFORE EXPOSURE TO 260°C MAX. FOR 10S AND SHALL MEET ALL SELECTED FUNCTIONAL DIMENSION AFTER EXPOSURE TO 260°C MAX. FOR 10S.
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC # SSN002
- ORDERING PN: REFER TO THE PN SYSTEM

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	Apr.25,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CE\C CEXXXXXX011011X	
ANGLE OF PROJECTION	

**Amphenol**

TITLE  
**COOL EDGE CONNECTOR  
0.80MM PITCH**

SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 1 OF 8

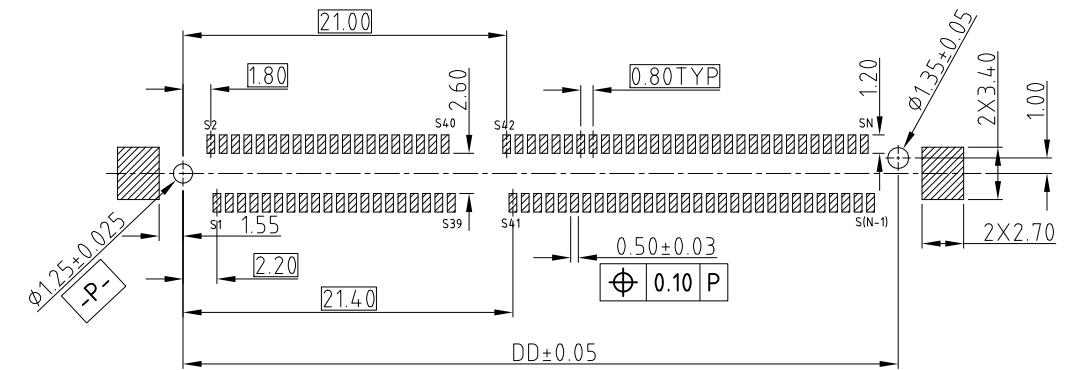
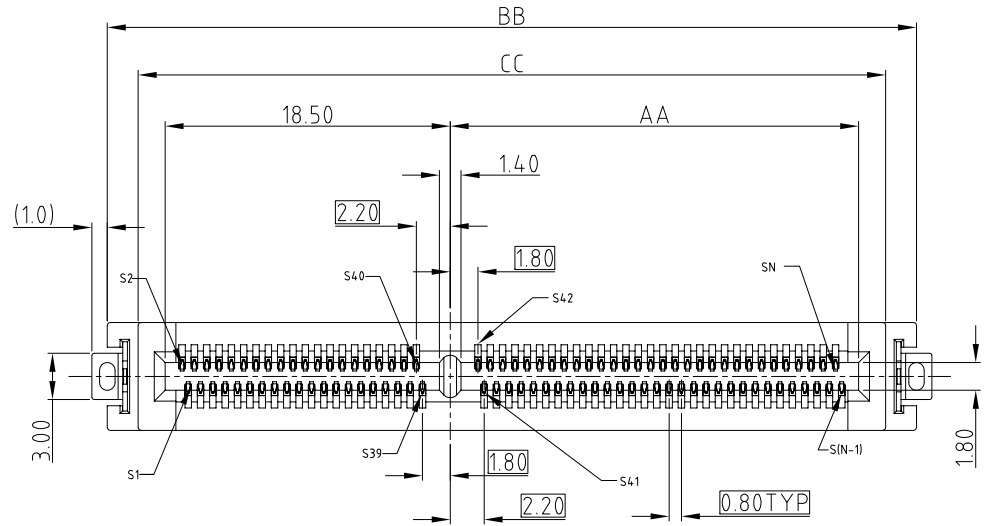
A

A

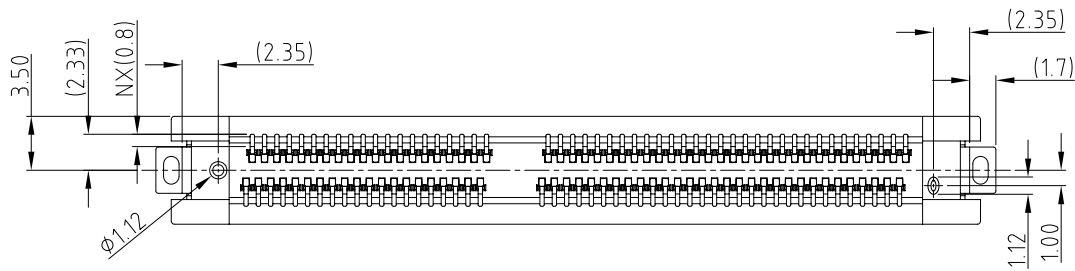
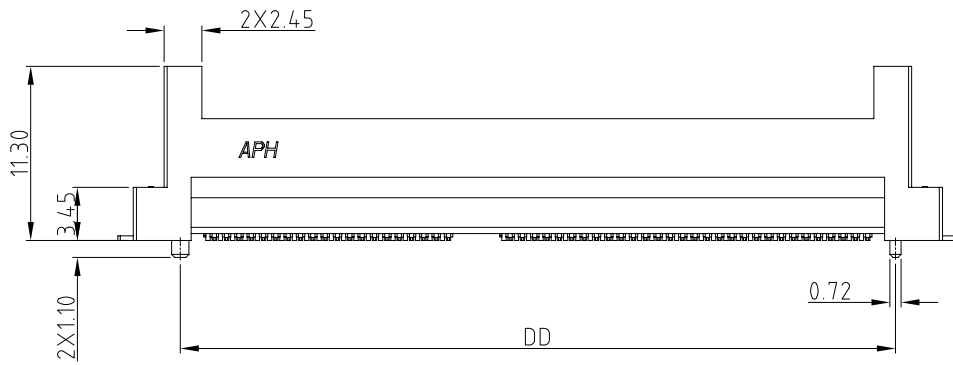
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



RECOMMENDED SOLDER PCB LAYOUT  
GENERAL TOLERANCE ±0.05



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

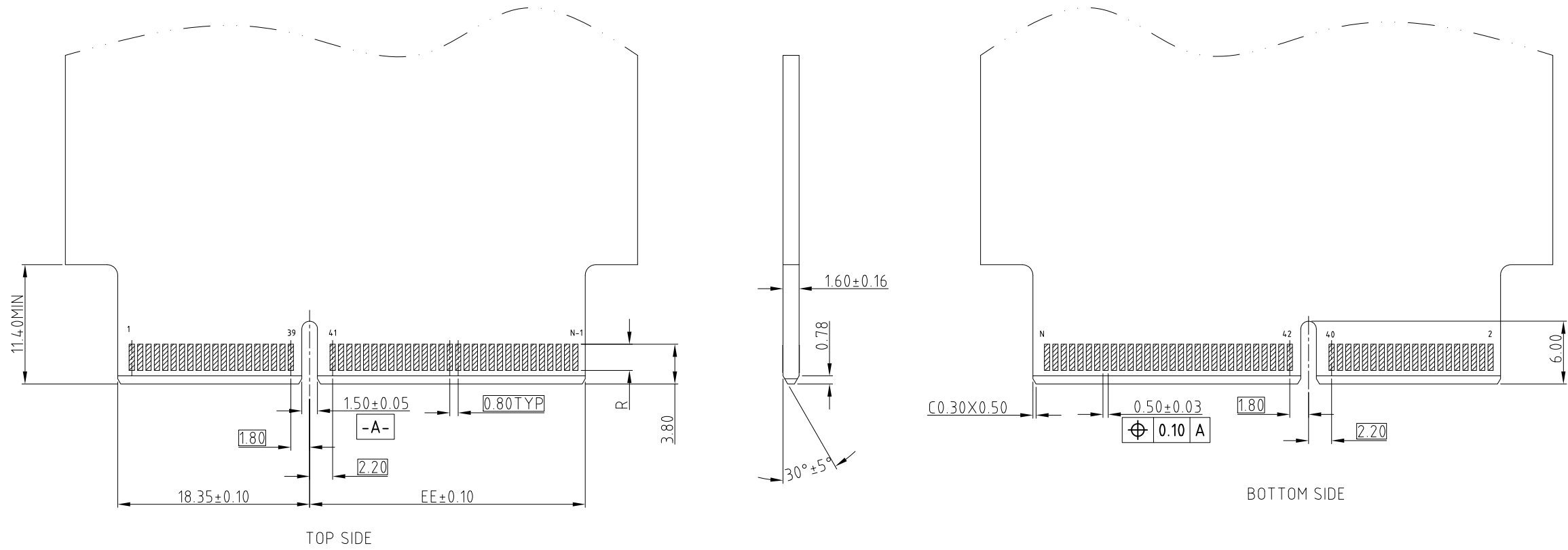
APPROVAL	DATE
DRAWN	Apr.25,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CE\C CEXXXXXX011011X	
ANGLE OF PROJECTION	

Amphenol		
TITLE		
COOL EDGE CONNECTOR 0.80MM PITCH		
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 2 OF 8

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



RECOMMENDED LAY OUT FOR MATING CARD, THICKNESS=1.60±0.16  
GENERAL TOLERANCE ±0.05

SYSTEM IMPEDANCE	DIM R (GOLD FINGER LENGTH)
85 ohm	2.50

PIN COUNT N (SIGNAL)	DIMENSION				
	AA	BB	CC	DD	EE
60	10.50	36.50	32.50	30.40	10.35
80	18.50	44.50	40.50	38.40	18.35
100	26.50	52.50	48.50	46.40	26.35
120	34.50	60.50	56.50	54.40	34.35
140	42.50	68.50	64.50	62.40	42.35
160	50.50	76.50	72.50	70.40	50.35
180	58.50	84.50	80.50	78.40	58.35
200	66.50	92.50	88.50	86.40	66.35



UNLESS OTHERWISE SPECIFIED TOLERANCES	
U.S.	METRIC
.X +/-	0.3
.XX +/-	0.20
.XXX +/-	0.15
FRACTIONS +/-	
ANGLES +/-	5°
FOR MATERIALS AND FINISHES SEE NOTES	
REMOVE SHARP EDGES	
DIMENSIONS	
—U.S.—	INCHES
(METRIC)	(mm)

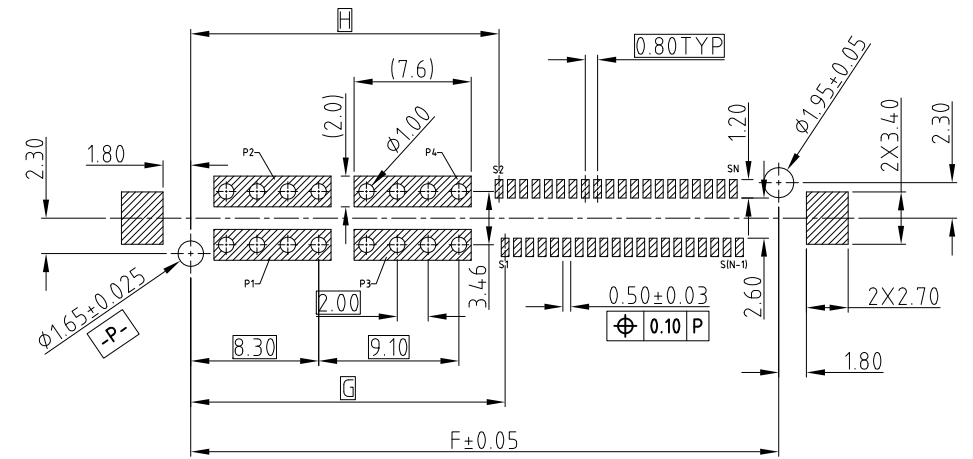
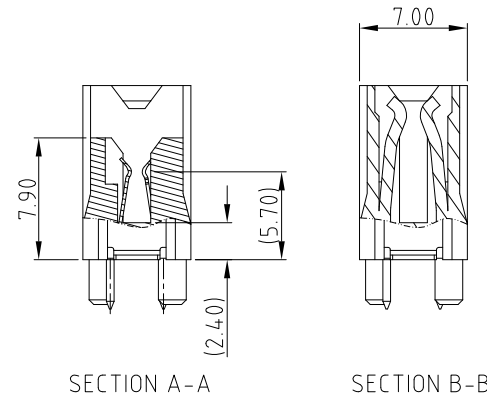
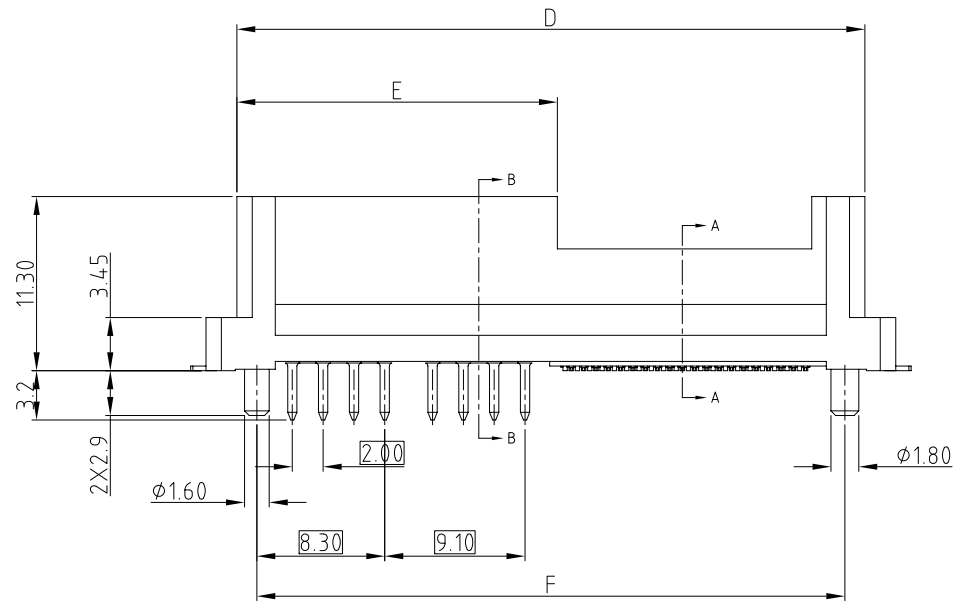
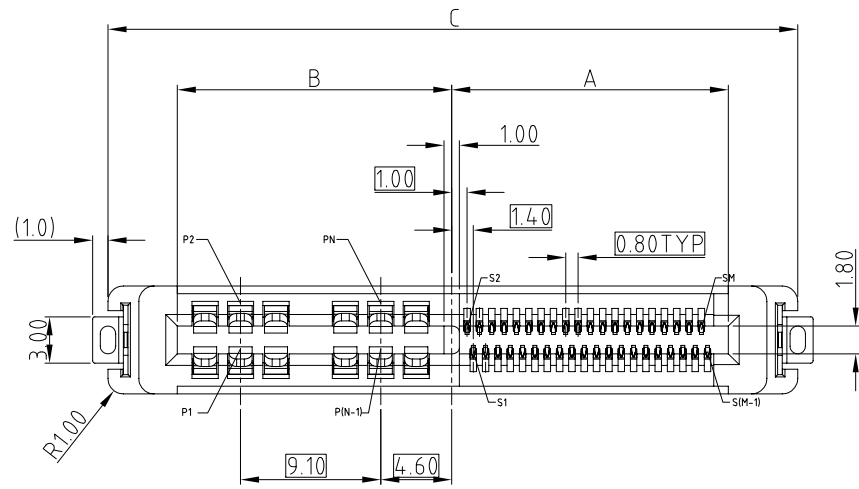
APPROVAL	DATE
DRAWN	Apr.25,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CE\C CEXXXXXX011011X	
ANGLE OF PROJECTION	

Amphenol		
TITLE		
COOL EDGE CONNECTOR 0.80MM PITCH		
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 3 OF 8

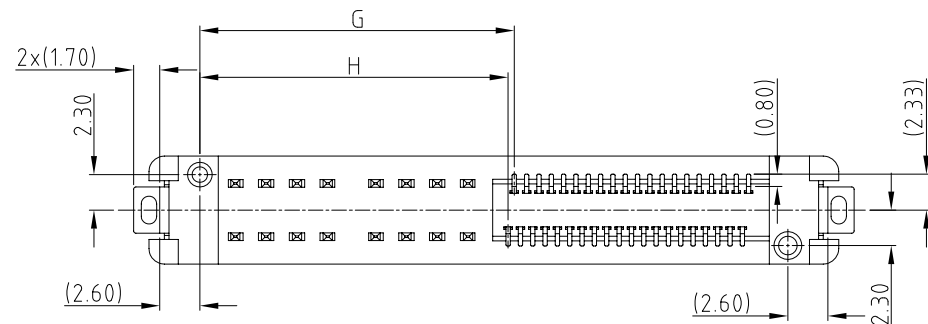
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	PRELIMINARY PROPOSAL	Mar.08,2017	



RECOMMEND SOLDER PCB LAYOUT  
GENERAL TOLERANCE ±0.05MM



UNLESS OTHERWISE SPECIFIED TOLERANCES	
U.S.	METRIC
.X +/-	0.25
.XX +/-	0.20
.XXX +/-	0.15
FRACTIONS +/-	
ANGLES +/-	5°

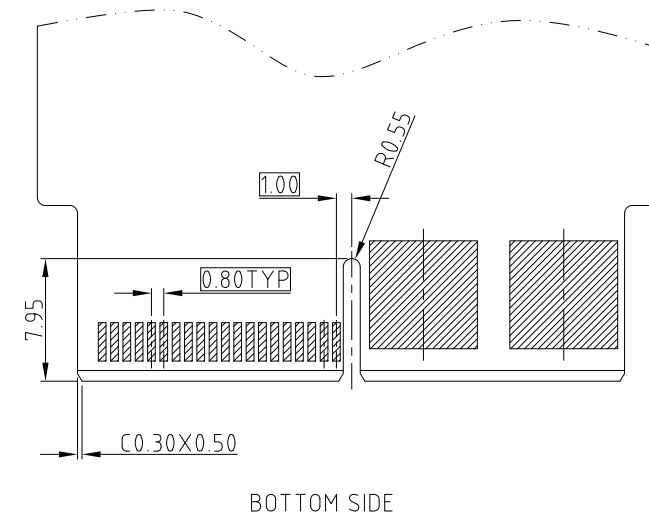
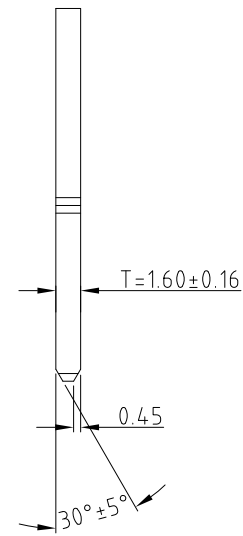
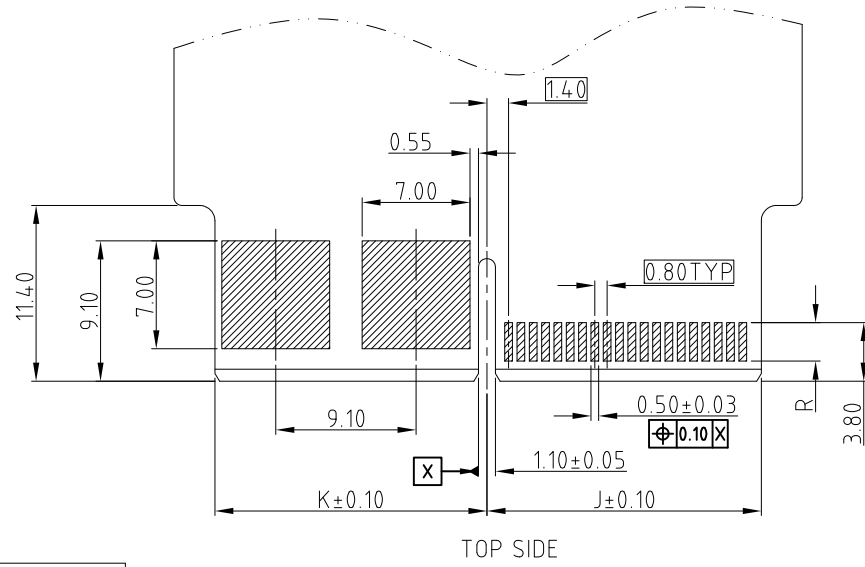
APPROVAL	DATE
DRAWN	Apr.25,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CE\C CEXXXXXX011011X	
ANGLE OF PROJECTION	
DIMENSIONS	
—U.S.—	INCHES
(METRIC)	(mm)

Amphenol		
TITLE HYBRID COOL EDGE CONNECTOR 0.80MM PITCH		
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 4 OF 8

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# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



SYSTEM IMPEDANCE	DIM R (GOLD FINGER LENGTH)
85 ohm	2.50

RECOMMEND MATING CARD, THICKNESS=1.60±0.16MM  
GENERAL TOLERANCE ±0.05MM

PIN COUNT		DIMENSION									
N (POWER)	M (SIGNAL)	A	B	C	D	E	F	G	H	J	K
2	18	9.15	8.70	26.85	22.85	11.70	20.25	11.30	10.90	9.00	8.55
	20	9.95	8.70	27.65	23.65	11.70	21.05	11.30	10.90	9.80	8.55
	40	17.95	8.70	35.65	31.65	11.70	29.05	11.30	10.90	17.80	8.55
	60	25.95	8.70	43.65	39.65	11.70	37.05	11.30	10.90	25.80	8.55
	80	33.95	8.70	51.65	47.65	11.70	45.05	11.30	10.90	33.80	8.55
	100	41.95	8.70	59.65	55.65	11.70	53.05	11.30	10.90	41.80	8.55
	120	49.95	8.70	67.65	63.65	11.70	61.05	11.30	10.90	49.80	8.55
	140	57.95	8.70	75.65	71.65	11.70	69.05	11.30	10.90	57.80	8.55
	160	65.95	8.70	83.65	79.65	11.70	77.05	11.30	10.90	65.80	8.55
	180	73.95	8.70	91.65	87.65	11.70	85.05	11.30	10.90	73.80	8.55
200	81.95	8.70	99.65	95.65	11.70	93.05	11.30	10.90	81.80	8.55	

PIN COUNT		DIMENSION									
N (POWER)	M (SIGNAL)	A	B	C	D	E	F	G	H	J	K
4	20	9.95	17.80	36.75	32.75	20.80	30.15	20.40	20.00	9.80	17.65
	40	17.95	17.80	44.75	40.75	20.80	38.15	20.40	20.00	17.80	17.65
	60	25.95	17.80	52.75	48.75	20.80	46.15	20.40	20.00	25.80	17.65
	80	33.95	17.80	60.75	56.75	20.80	54.15	20.40	20.00	33.80	17.65
	100	41.95	17.80	68.75	64.75	20.80	62.15	20.40	20.00	41.80	17.65
	120	49.95	17.80	76.75	72.75	20.80	70.15	20.40	20.00	49.80	17.65
	140	57.95	17.80	84.75	80.75	20.80	78.15	20.40	20.00	57.80	17.65
	160	65.95	17.80	92.75	88.75	20.80	86.15	20.40	20.00	65.80	17.65
	180	73.95	17.80	100.75	96.75	20.80	94.15	20.40	20.00	73.80	17.65
	200	81.95	17.80	108.75	104.75	20.80	102.15	20.40	20.00	81.80	17.65

PIN COUNT		DIMENSION									
N (POWER)	M (SIGNAL)	A	B	C	D	E	F	G	H	J	K
6	20	9.95	26.90	45.85	41.85	29.90	39.25	29.50	29.10	9.80	26.75
	40	17.95	26.90	53.85	49.85	29.90	47.25	29.50	29.10	17.80	26.75
	60	25.95	26.90	61.85	57.85	29.90	55.25	29.50	29.10	25.80	26.75
	80	33.95	26.90	69.85	65.85	29.90	63.25	29.50	29.10	33.80	26.75
	100	41.95	26.90	77.85	73.85	29.90	71.25	29.50	29.10	41.80	26.75
	120	49.95	26.90	85.85	81.85	29.90	79.25	29.50	29.10	49.80	26.75
	140	57.95	26.90	93.85	89.85	29.90	87.25	29.50	29.10	57.80	26.75
	160	65.95	26.90	101.85	97.85	29.90	95.25	29.50	29.10	65.80	26.75
	170	69.95	26.90	105.85	101.85	29.90	99.25	29.50	29.10	69.80	26.75



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

APPROVAL	DATE
DRAWN	Apr.25,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CE\CE CEXXXXXX011011X	
ANGLE OF PROJECTION	

**Amphenol**

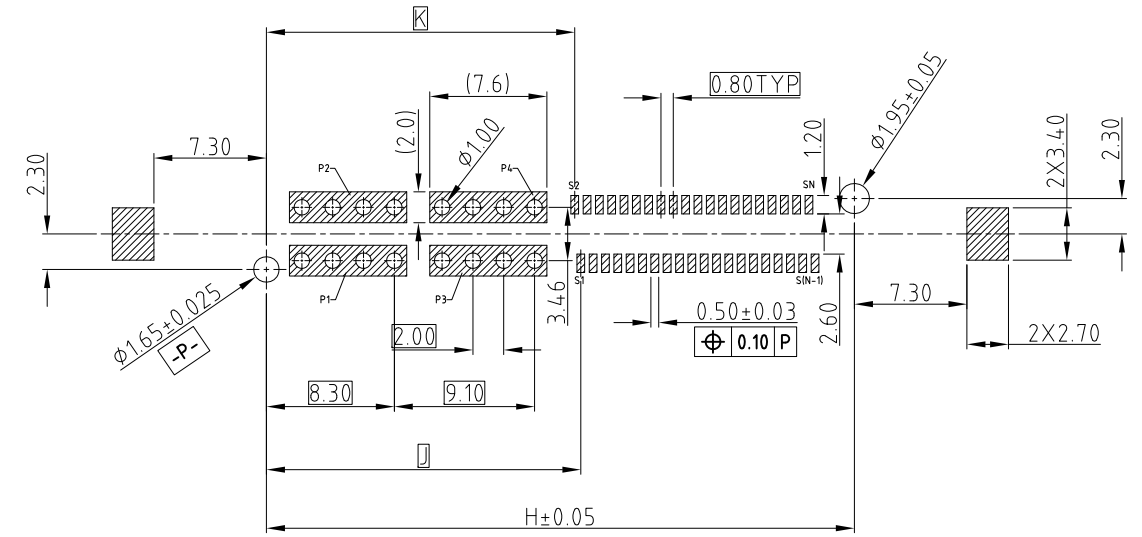
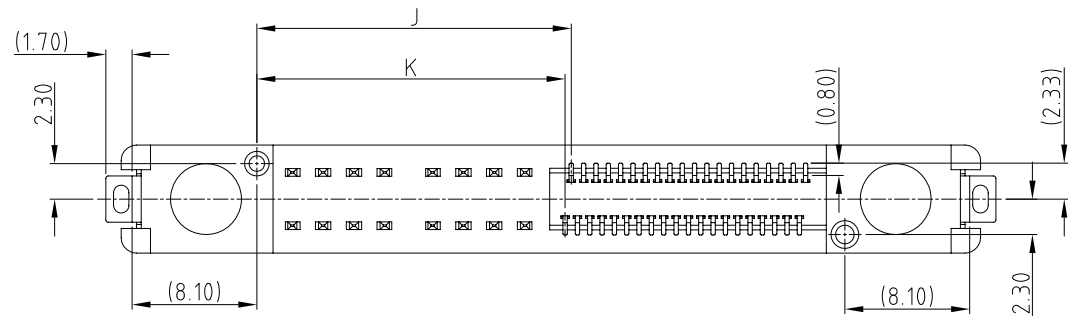
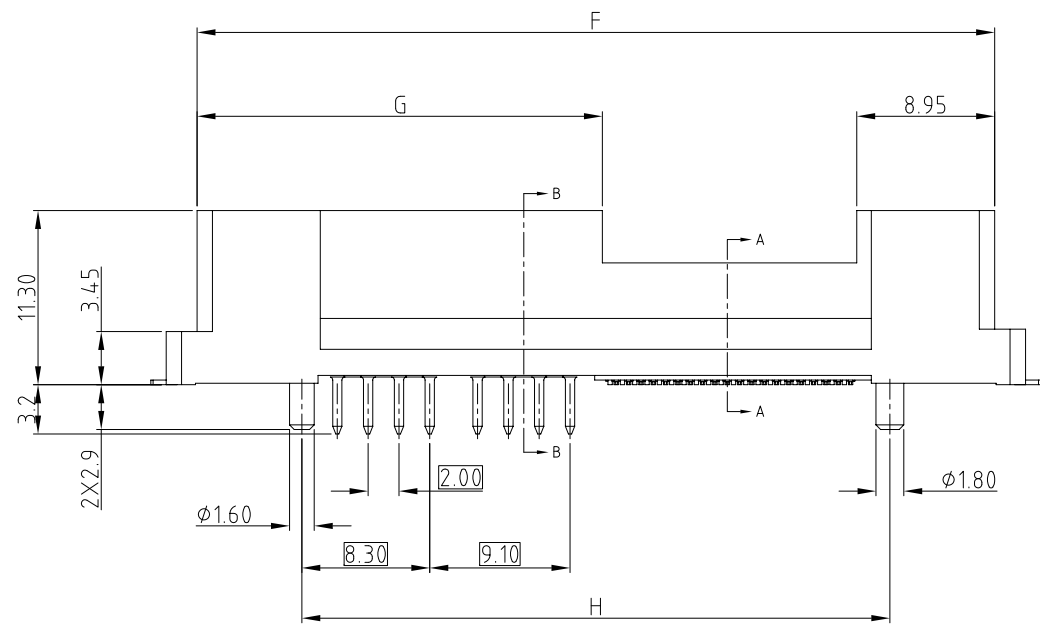
TITLE: HYBRID COOL EDGE CONNECTOR 0.80MM PITCH

SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE SHEET 5 OF 8	

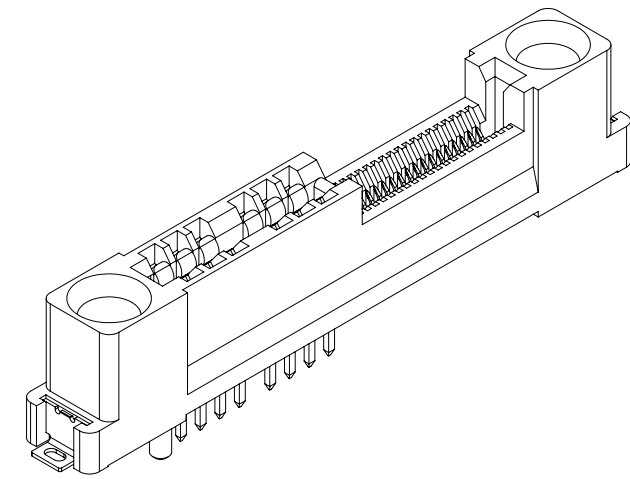
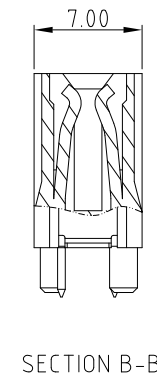
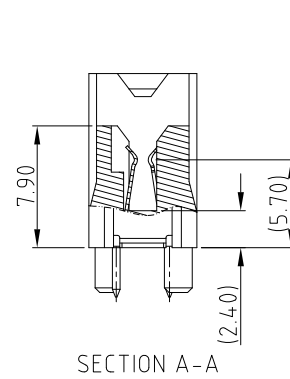
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



RECOMMEND SOLDER PCB LAYOUT  
GENERAL TOLERANCE ±0.05MM



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

APPROVAL	DATE
DRAWN	Apr.25,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL\DRAWING\CE\C CEXXXXXX011011X	
ANGLE OF PROJECTION	

Amphenol		
TITLE HYBRID COOL EDGE CONNECTOR 0.80MM PITCH		
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 6 OF 8



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# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

PIN COUNT		DIMENSION											
N (POWER)	M (SIGNAL)	A	B	C	D	E	F	G	H	J	K	L	Q
2	18	9.15	8.70	13.20	13.65	37.85	33.85	17.20	20.25	11.30	10.90	9.00	8.55
	20	9.95	8.70	13.20	14.45	38.65	34.65	17.20	21.05	11.30	10.90	9.80	8.55
	40	17.95	8.70	13.20	22.45	46.65	42.65	17.20	29.05	11.30	10.90	17.80	8.55
	60	25.95	8.70	13.20	30.45	54.65	50.65	17.20	37.05	11.30	10.90	25.80	8.55
	80	33.95	8.70	13.20	38.45	62.65	58.65	17.20	45.05	11.30	10.90	33.80	8.55
	100	41.95	8.70	13.20	46.45	70.65	66.65	17.20	53.05	11.30	10.90	41.80	8.55
	120	49.95	8.70	13.20	54.45	78.65	74.65	17.20	61.05	11.30	10.90	49.80	8.55
	140	57.95	8.70	13.20	62.45	86.65	82.65	17.20	69.05	11.30	10.90	57.80	8.55
	160	65.95	8.70	13.20	70.45	94.65	90.65	17.20	77.05	11.30	10.90	65.80	8.55
	180	73.95	8.70	13.20	78.45	102.65	98.65	17.20	85.05	11.30	10.90	73.80	8.55
200	81.95	8.70	13.20	86.45	110.65	106.65	17.20	93.05	11.30	10.90	81.80	8.55	

PIN COUNT		DIMENSION											
N (POWER)	M (SIGNAL)	A	B	C	D	E	F	G	H	J	K	L	Q
4	20	9.95	17.80	22.30	14.45	47.75	43.75	26.30	30.15	20.40	20.00	9.80	17.65
	40	17.95	17.80	22.30	22.45	55.75	51.75	26.30	38.15	20.40	20.00	17.80	17.65
	60	25.95	17.80	22.30	30.45	63.75	59.75	26.30	46.15	20.40	20.00	25.80	17.65
	80	33.95	17.80	22.30	38.45	71.75	67.75	26.30	54.15	20.40	20.00	33.80	17.65
	100	41.95	17.80	22.30	46.45	79.75	75.75	26.30	62.15	20.40	20.00	41.80	17.65
	120	49.95	17.80	22.30	54.45	87.75	83.75	26.30	70.15	20.40	20.00	49.80	17.65
	140	57.95	17.80	22.30	62.45	95.75	91.75	26.30	78.15	20.40	20.00	57.80	17.65
	160	65.95	17.80	22.30	70.45	103.75	99.75	26.30	86.15	20.40	20.00	65.80	17.65
	180	73.95	17.80	22.30	78.45	111.75	107.75	26.30	94.15	20.40	20.00	73.80	17.65
	200	81.95	17.80	22.30	86.45	119.75	115.75	26.30	102.15	20.40	20.00	81.80	17.65

PIN COUNT		DIMENSION											
N (POWER)	M (SIGNAL)	A	B	C	D	E	F	G	H	J	K	L	Q
6	20	9.95	26.90	31.40	14.45	56.85	52.85	35.40	39.25	29.50	29.10	9.80	26.75
	40	17.95	26.90	31.40	22.45	64.85	60.85	35.40	47.25	29.50	29.10	17.80	26.75
	60	25.95	26.90	31.40	30.45	72.85	68.85	35.40	55.25	29.50	29.10	25.80	26.75
	80	33.95	26.90	31.40	38.45	80.85	76.85	35.40	63.25	29.50	29.10	33.80	26.75
	100	41.95	26.90	31.40	46.45	88.85	84.85	35.40	71.25	29.50	29.10	41.80	26.75
	120	49.95	26.90	31.40	54.45	96.85	92.85	35.40	79.25	29.50	29.10	49.80	26.75
	140	57.95	26.90	31.40	62.45	104.85	100.85	35.40	87.25	29.50	29.10	57.80	26.75
	160	65.95	26.90	31.40	70.45	112.85	108.85	35.40	95.25	29.50	29.10	65.80	26.75
	170	69.95	26.90	31.40	74.45	120.85	112.85	35.40	99.25	29.50	29.10	69.80	26.75



UNLESS OTHERWISE SPECIFIED <b>TOLERANCES</b> U.S.      METRIC .X    +/-      0.25 .XX   +/-      0.20 .XXX +/-      0.15 FRACTIONS +/- ANGLES +/-      5° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS —U.S.—      INCHES (METRIC)      (mm)	APPROVAL DRAWN CHECKED APPROVED	DATE Apr.25,2018	<b>Amphenol</b>  TITLE HYBRID COOL EDGE CONNECTOR 0.80MM PITCH SIZE    DRAWING NO.    REV. <b>A3</b> C CEXXXXXX011011X    7 SCALE    NONE    SHEET 8 OF 8
	DRAWING FILE : INTERNAL\DRAWING\CE\C CEXXXXXX011011X		
	ANGLE OF PROJECTION 		
	DIMENSIONS —U.S.—      INCHES (METRIC)      (mm)		





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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