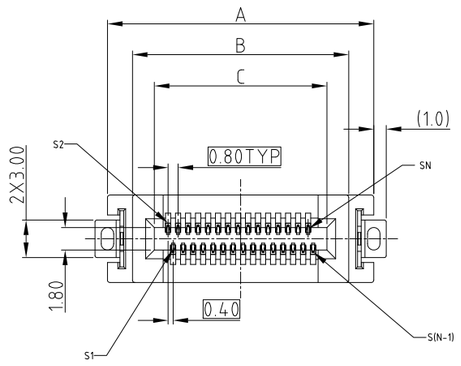
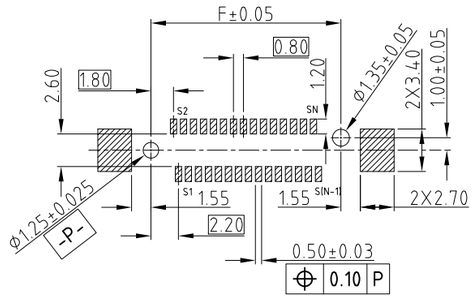
CUSTOMER DRAWING

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

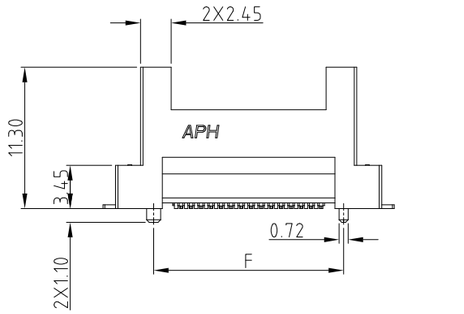


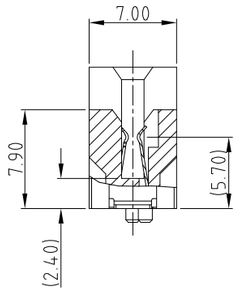
PART NUMBER SYSTEM
CEXXXXXX011011X

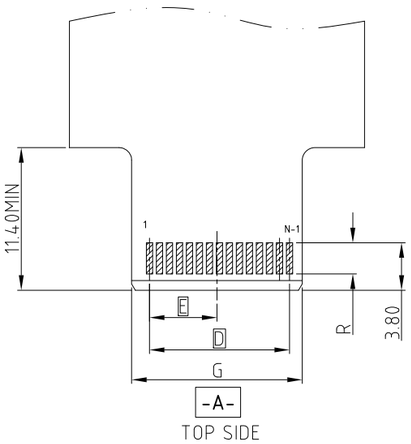
- SIGNAL SPEED/IMPEDANCE
  - 1: BELOW 16Gbps
  - 2: 16~32Gbps WITH 85 ohm
- POWER PIN COUNT
  - 0: WITHOUT POWER PIN
  - 2: 2PIN
  - 4: 4PIN
  - 6: 6PIN
- SIGNAL PIN COUNT
  - 000: 0 PIN ; 080: 80PIN
  - 020: 20PIN ; 100: 100PIN
  - 026: 26PIN ; 120: 120PIN
  - 040: 40PIN ; 140: 140PIN
  - 050: 50PIN ; 160: 160PIN
  - 060: 60PIN ; 180: 180PIN
  - 200: 200PIN
- GUIDE HOLE
  - 0: WITHOUT GUIDE HOLE
  - G: WITH GUIDE HOLE
- CARD THICKNESS
  - 0: 1.60MM
- PLATING SPEC
  - 1: 0.76um Au
  - 2: 0.38um Au
  - 3: GOLD FLASH
  - 4: 0.76umPdNi +GF



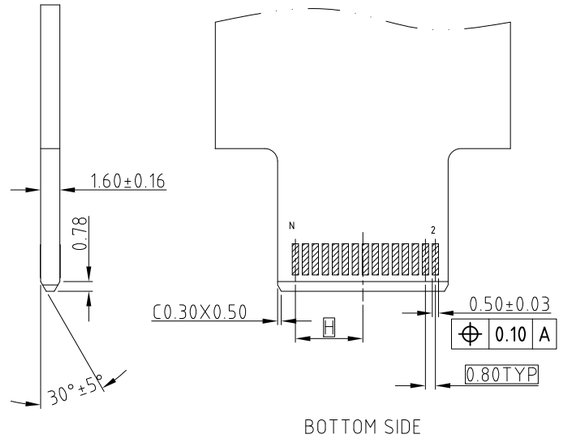
RECOMMEND SOLDER PCB LAYOUT
GENERAL TOLERANCE ±0.05MM





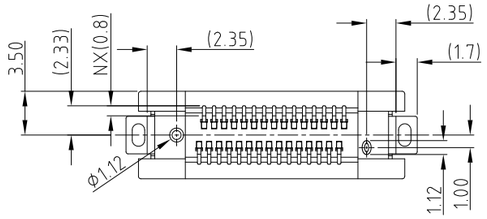


TOP SIDE



BOTTOM SIDE

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



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

PIN COUNT	DIMENSION							
N (SIGNAL)	A	B	C	D	E	F	G	H
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:
1. MATERIAL:
   HOUSING: HIGH TEMPERATURE THERMOPLASTIC BLACK UL94-V0
   CONTACT: COPPER ALLOY
   BOARDLOCK: SPCC
2. 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
3. ELECTRICAL PERFORMANCE:
   RATED CURRENT FOR POWER PIN: REFER PRODUCT APPLICATION SPEC
   RATED CURRENT FOR SIGNAL PIN: REFER PRODUCT APPLICATION SPEC
4. 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.
5. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC # SSN002
6. ORDERING PN: REFER TO THE PN SYSTEM

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.~~ (METRIC) ~~INCHES~~ (mm)

APPROVAL		DATE
DRAWN		Apr.25,2018
CHECKED		
APPROVED		

DRAWING FILE : INTERNAL\DRAWING\CE\C CEXXXXXX011011X

ANGLE OF PROJECTION

Amphenol

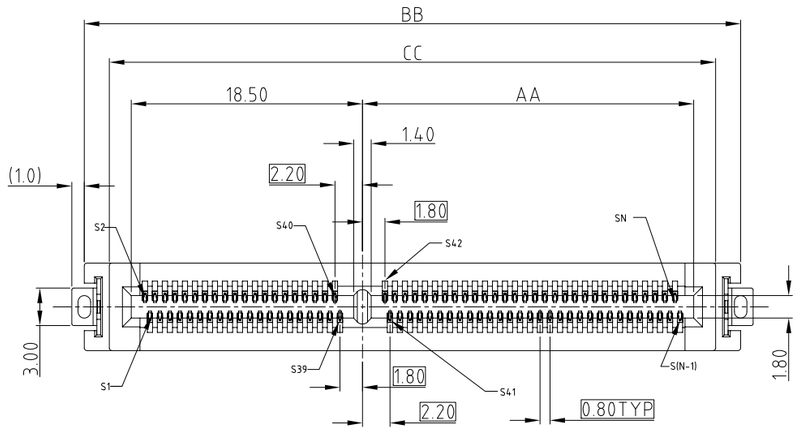
TITLE
COOL EDGE CONNECTOR
0.80MM PITCH

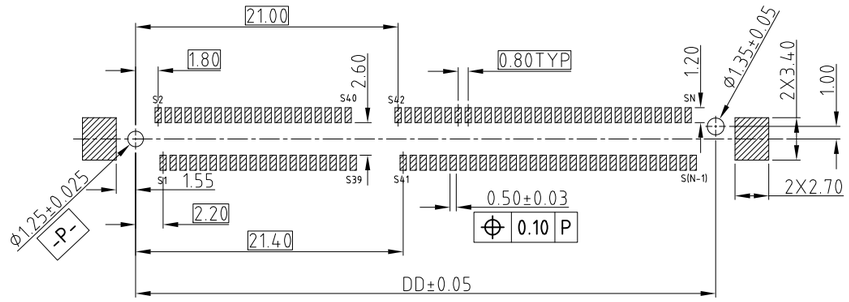
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7

SCALE NONE SHEET 1 OF 8

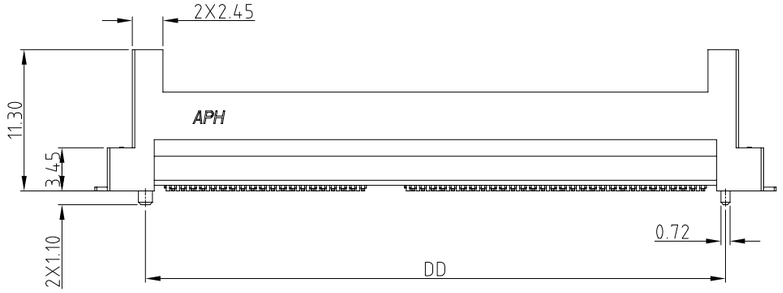
CUSTOMER DRAWING

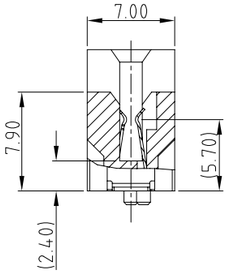
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

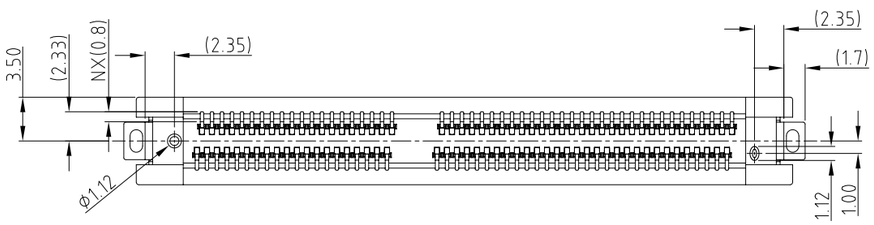




RECOMMENDED SOLDER PCB LAYOUT
GENERAL TOLERANCE ±0.05







Amphenol Corporation RoHS Compliant 2011/65/EU

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

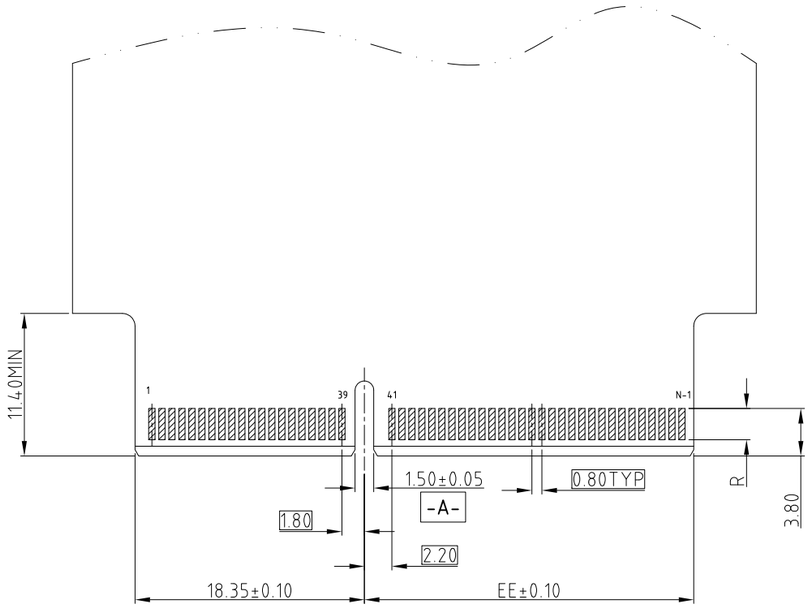
Amphenol

TITLE
COOL EDGE CONNECTOR
0.80MM PITCH

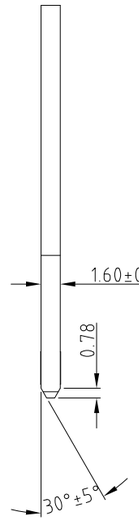
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 2 OF 8

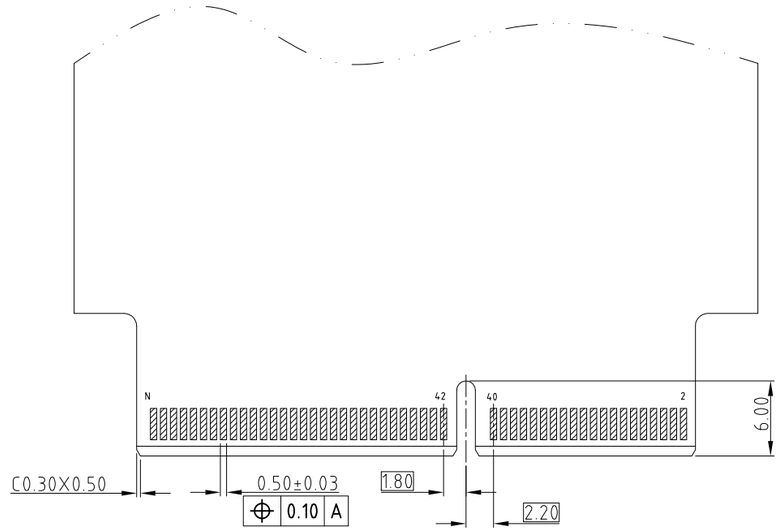
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



TOP SIDE





BOTTOM SIDE

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

PIN COUNT	DIMENSION				
N (SIGNAL)	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

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

Amphenol Corporation RoHS Compliant 2011/65/EU

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

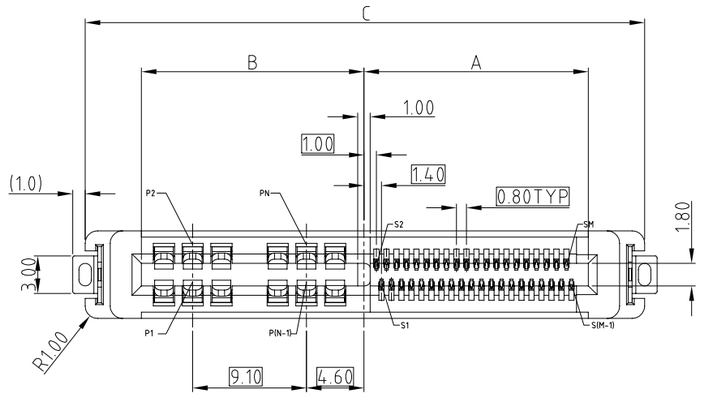
Amphenol

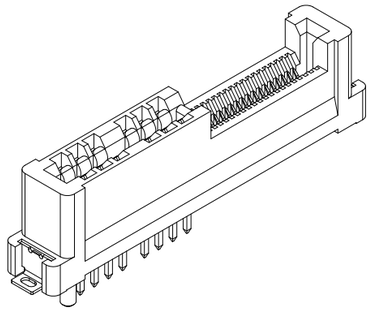
TITLE
COOL EDGE CONNECTOR
0.80MM PITCH

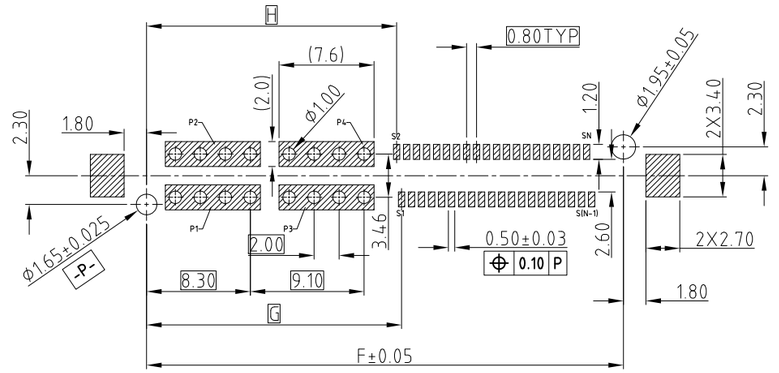
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 3 OF 8

CUSTOMER DRAWING

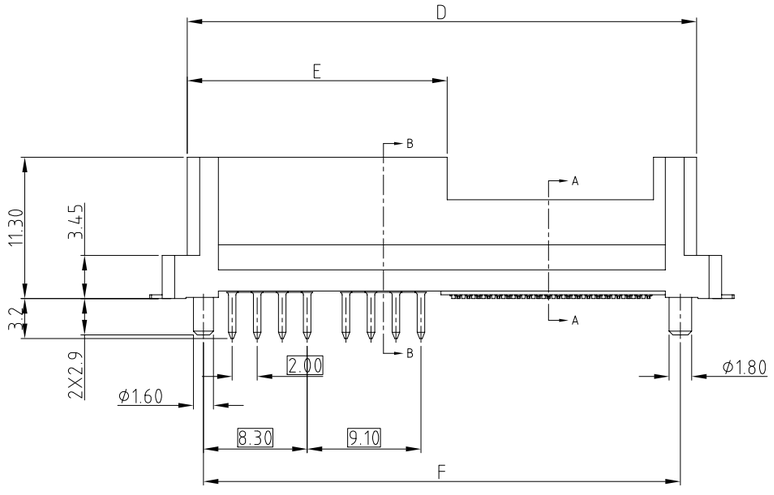
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	PRELIMINARY PROPOSAL	Mar.08,2017	

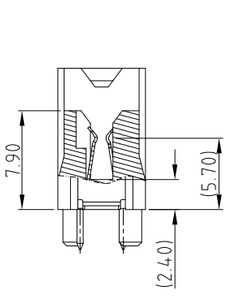




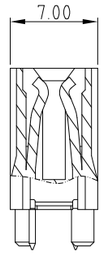


RECOMMEND SOLDER PCB LAYOUT
GENERAL TOLERANCE ±0.05MM

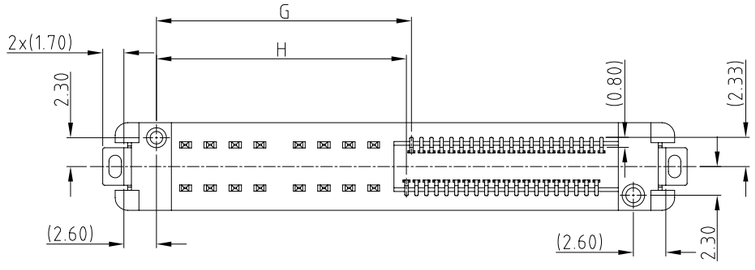




SECTION A-A



SECTION B-B



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

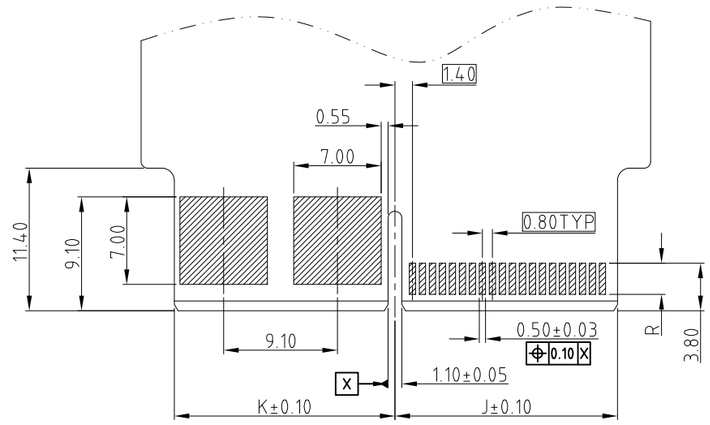
TITLE

HYBRID COOL EDGE CONNECTOR 0.80MM PITCH

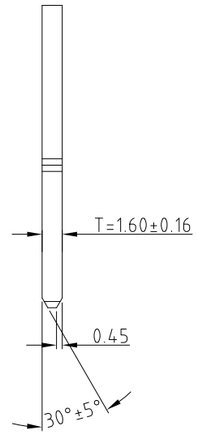
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 4 OF 8

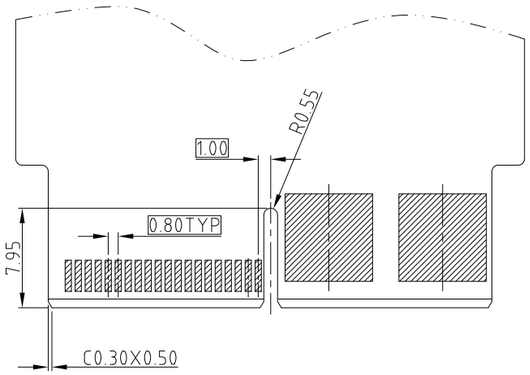
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



TOP SIDE





BOTTOM SIDE

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

RoHS Compliant — Amphenol Corporation — 2011/65/EU

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.~~ (METRIC) | ~~INCHES~~ (mm)

APPROVAL		DATE
DRAWN		Apr.25,2018
CHECKED		
APPROVED		

DRAWING FILE : INTERNAL\DRAWING\CE\C CEXXXXXX011011X

ANGLE OF PROJECTION

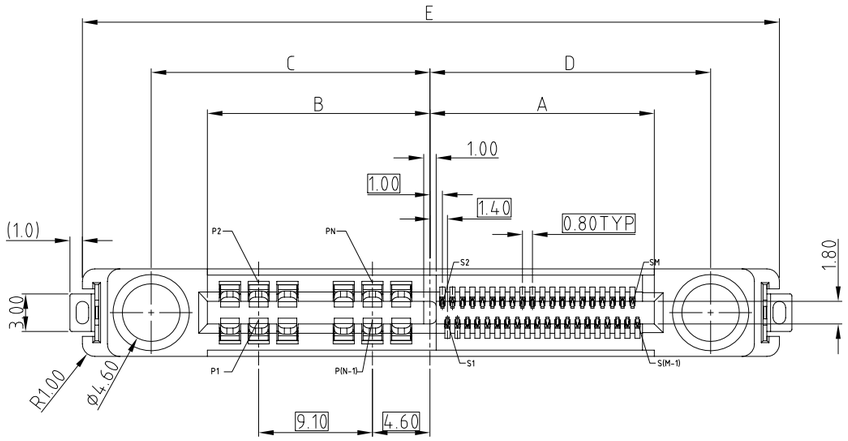
Amphenol

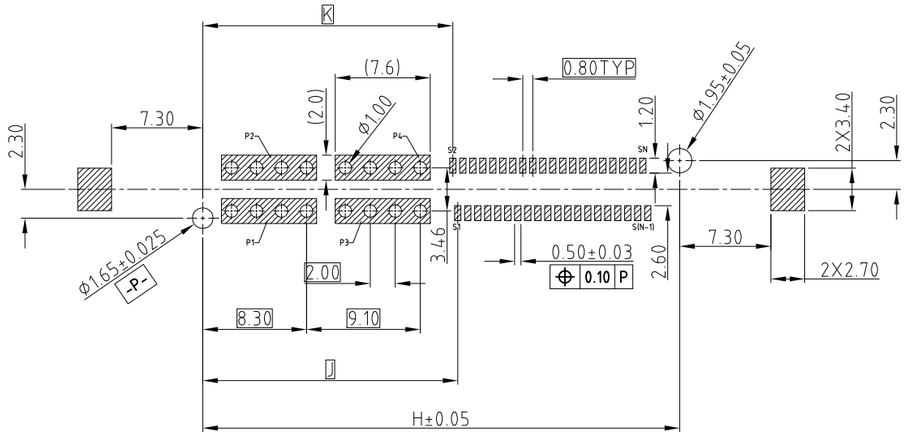
TITLE
HYBRID COOL EDGE CONNECTOR 0.80MM PITCH

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

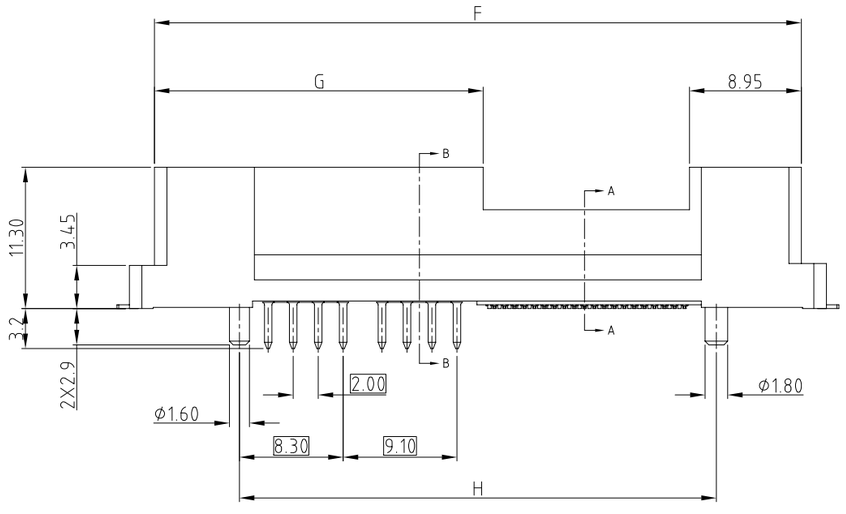
CUSTOMER DRAWING

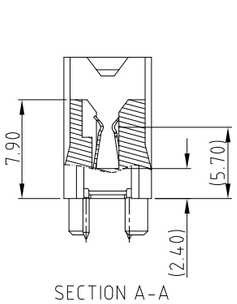
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



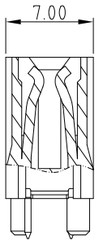


RECOMMEND SOLDER PCB LAYOUT
GENERAL TOLERANCE ±0.05MM

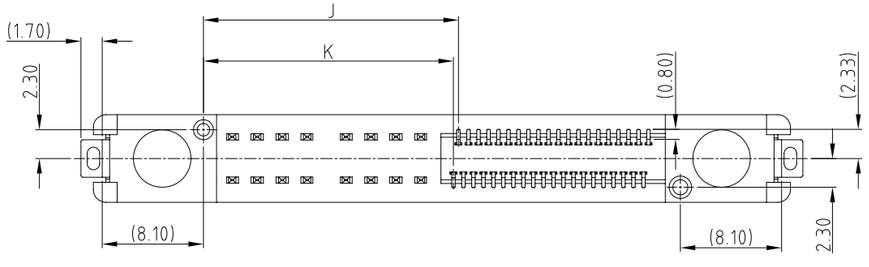


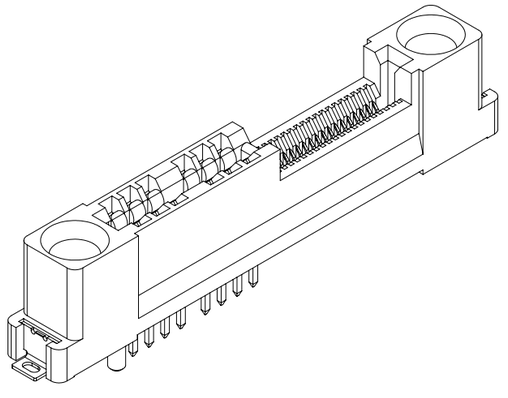


SECTION A-A



SECTION B-B





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

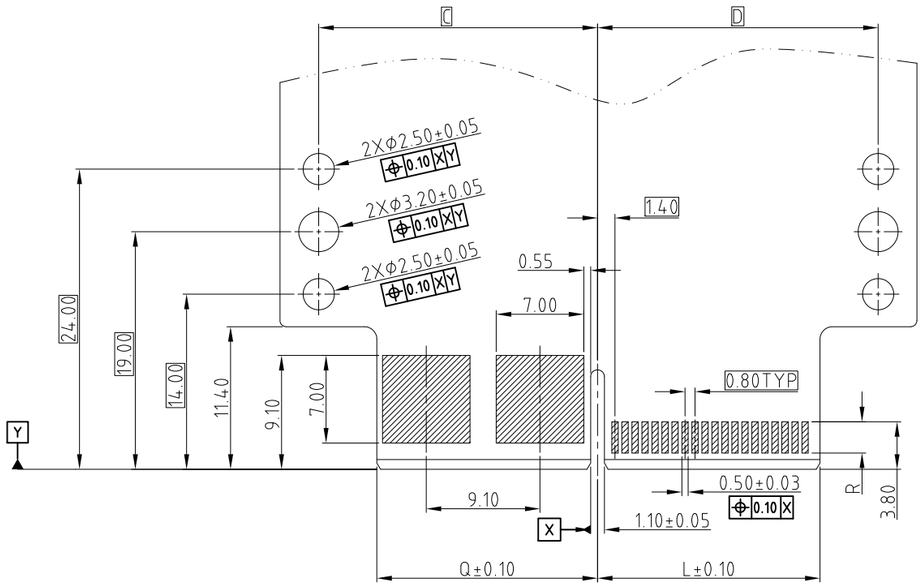
Amphenol

TITLE
HYBRID COOL EDGE
CONNECTOR 0.80MM PITCH

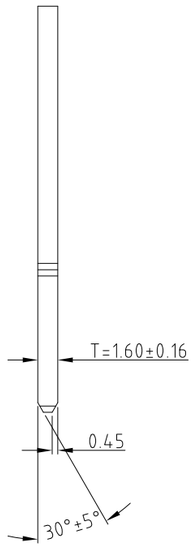
SIZE	DRAWING NO.	REV.
A3	C CEXXXXXX011011X	7
SCALE	NONE	SHEET 6 OF 8

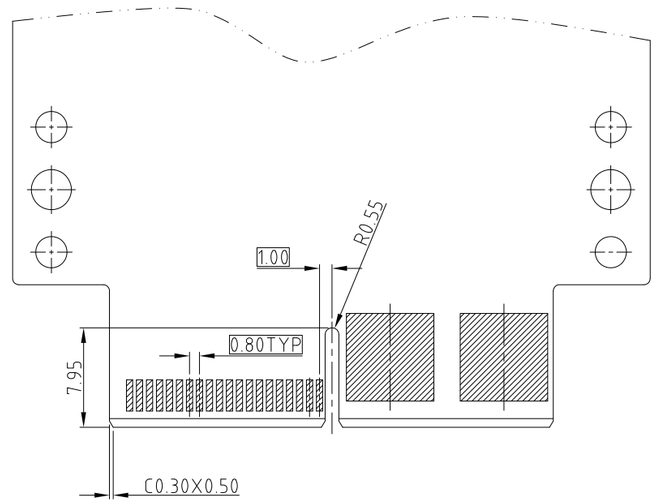
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



TOP SIDE





BOTTOM SIDE

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

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

Amphenol Corporation RoHS Compliant 2011/65/EU

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 7 OF 8

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

RoHS Compliant — Amphenol Corporation — 2011/65/EU

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 8 OF 8

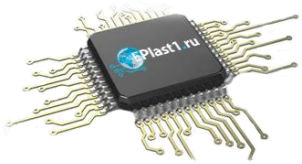
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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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Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.