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CUSTOMER DRAWING

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

D

C

B

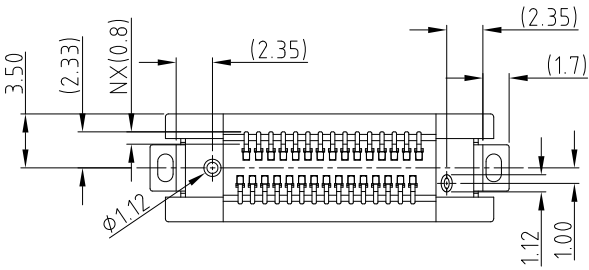
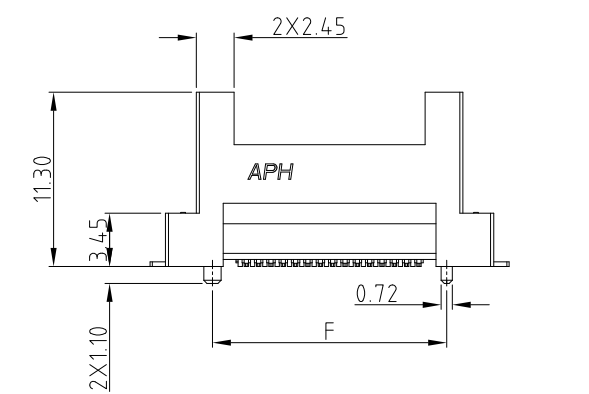
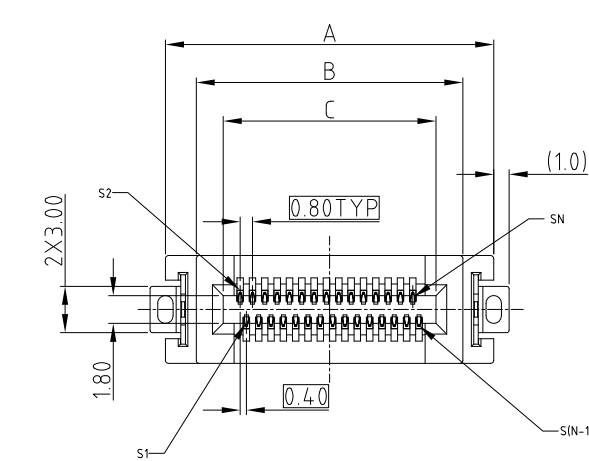
A

D

C

B

A



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

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

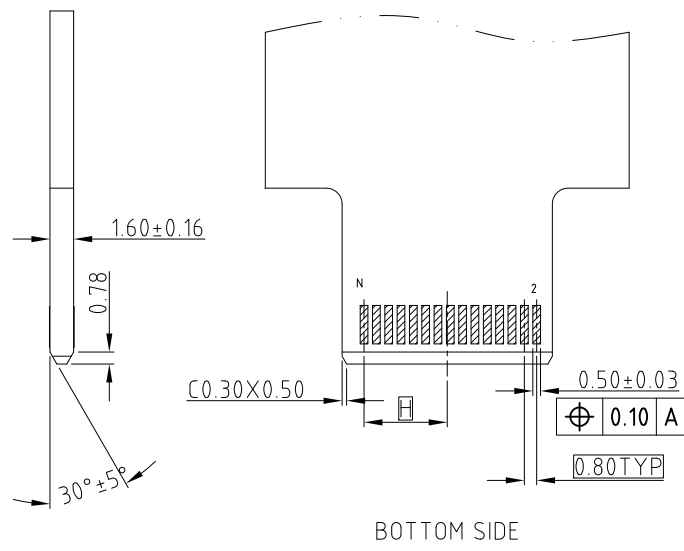
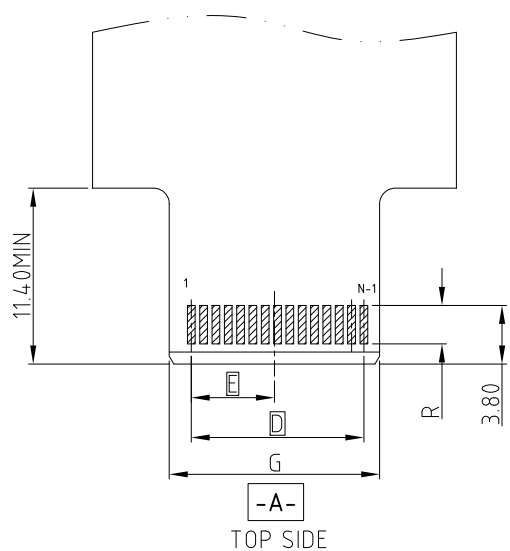
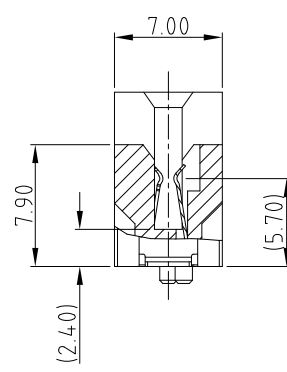
PART NUMBER SYSTEM
CEXXXXXX011011X

CARD THICKNESS
0: 1.60MM

GUIDE HOLE
0: WITHOUT GUIDE HOLE
G: WITH GUIDE HOLE

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

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



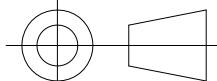
RECOMMEND MATING CARD, THICKNESS=1.60±0.16MM
GENERAL TOLERANCE ±0.05MM



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

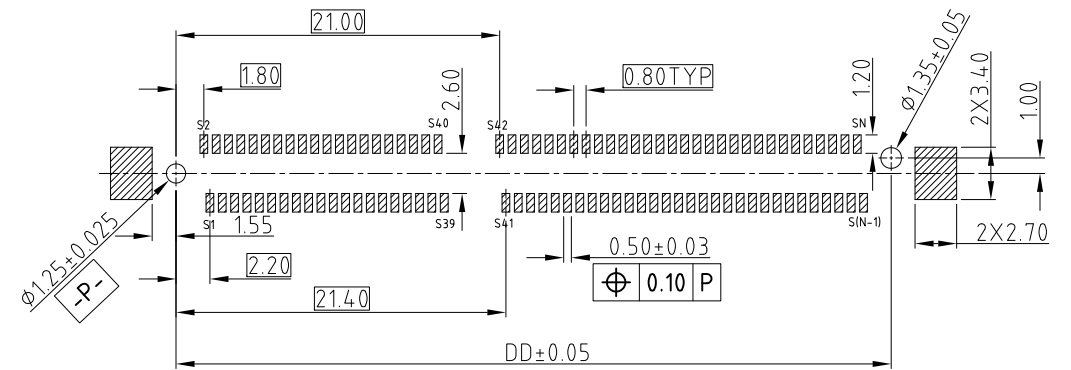
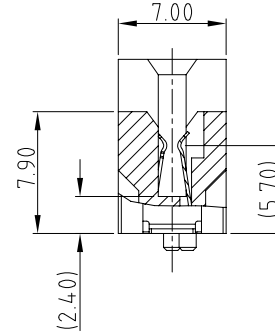
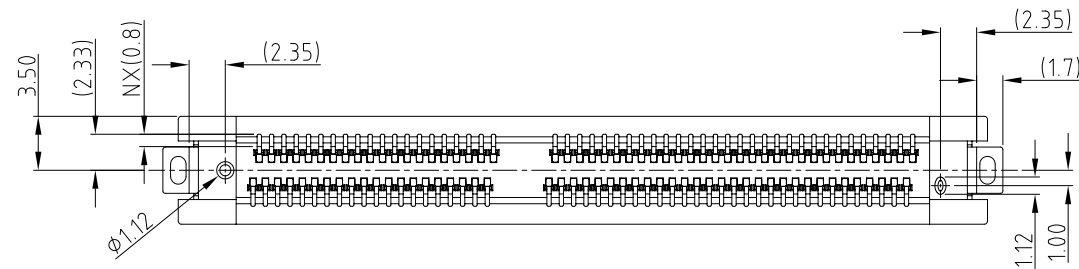
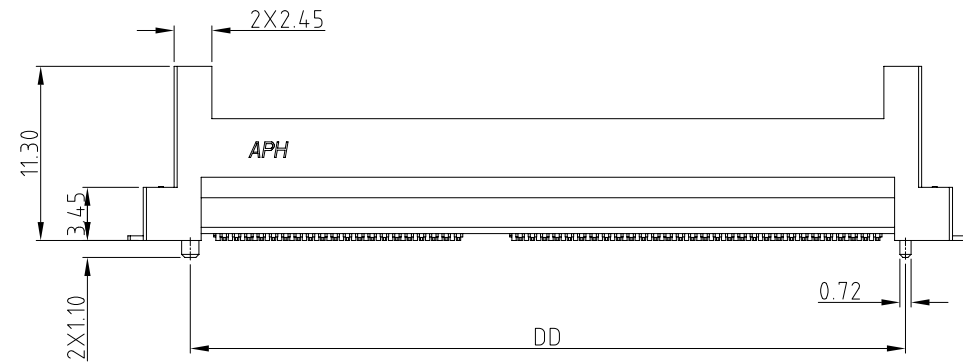
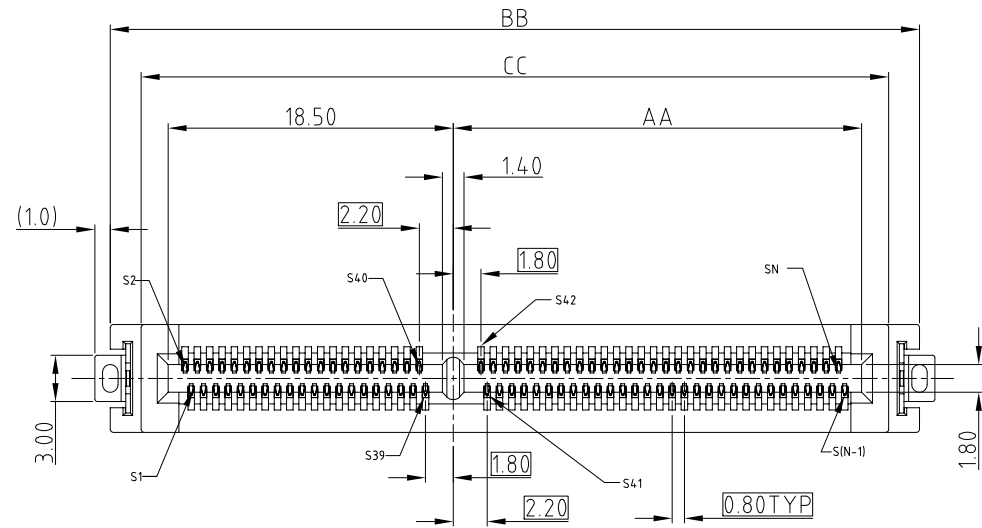
- NOTE:
- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC BLACK UL94-V0
CONTACT: COPPER ALLOY
BOARDLOCK: SPCC
 - PLATING:
CONTACT: MATING AREA: SEE PLATING SEPC OVER 1.27-2.54 UM NICKEL UNDERPLATED
SOLDER AREA: 1.27 MIN TIN OVER 1.27-2.54 UM NICKEL UNDERPLATED
BOARDLOCK: 1.27 MIN TIN OVER 1.27-2.54UM 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

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

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol					
U.S. METRIC		DRAWN		Apr.25,2018							
.X +/-		0.25	CHECKED				TITLE COOL EDGE CONNECTOR 0.80MM PITCH				
.XX +/-		0.20	APPROVED								
.XXX +/-		0.15					SIZE A3				
FRACTIONS +/-			DRAWING FILE :								
ANGLES +/-		5°	INTERNAL\DRAWING\CE\C CEXXXXXX011011X				DRAWING NO. C CEXXXXXXX011011X				
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION									
REMOVE SHARP EDGES						REV. 7					
DIMENSIONS											
—U.S.—		INCHES		SCALE NONE				SHEET 1 OF 8			
(METRIC)		(mm)									

CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



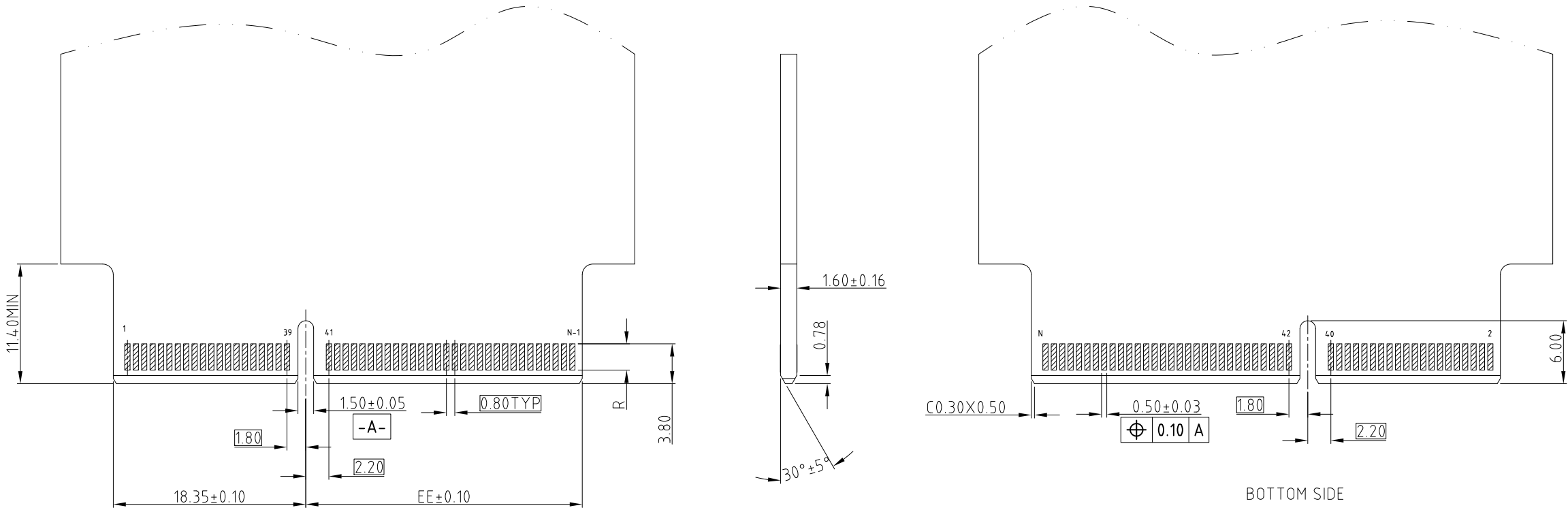
RECOMMENDED SOLDER PCB LAYOUT
GENERAL TOLERANCE ± 0.05

[illegible]

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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				
	AA	BB	CC	DD	EE
N (SIGNAL)					
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



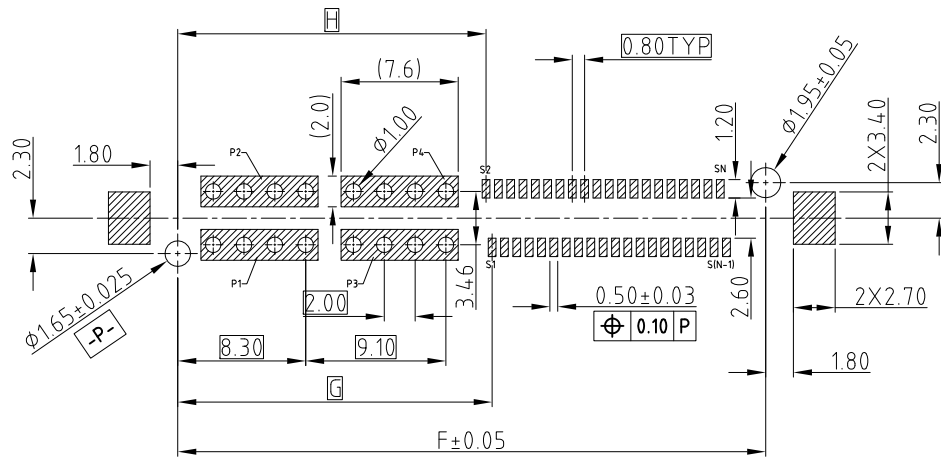
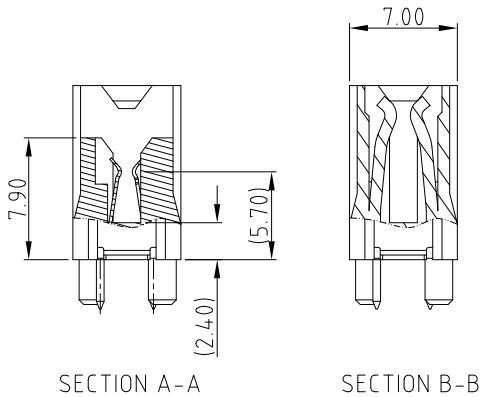
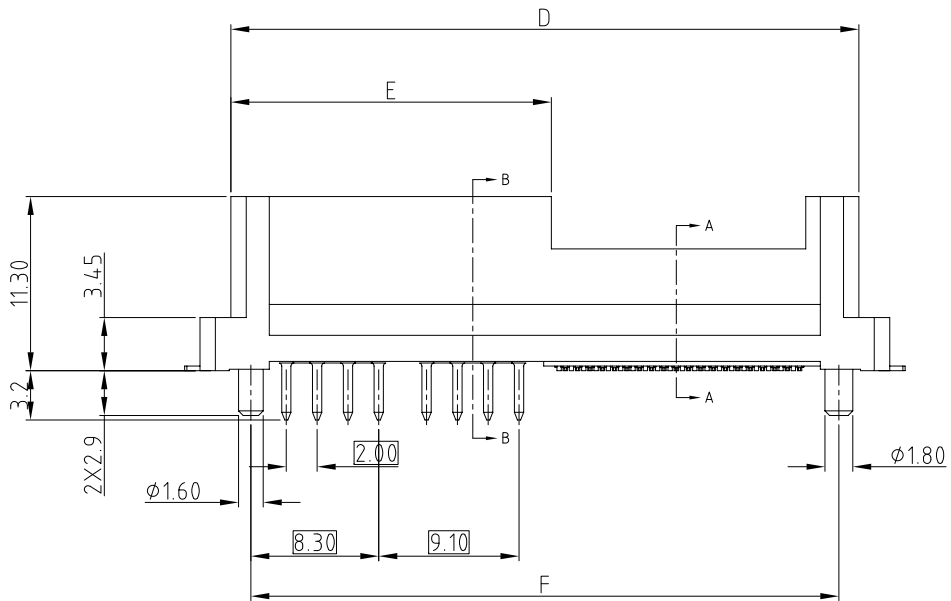
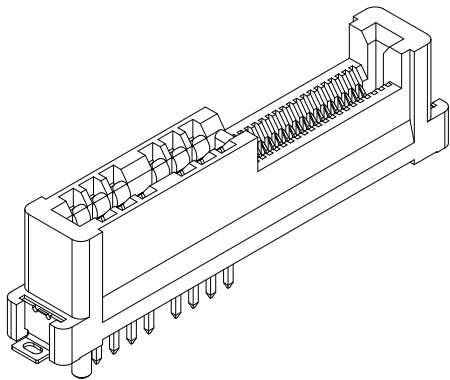
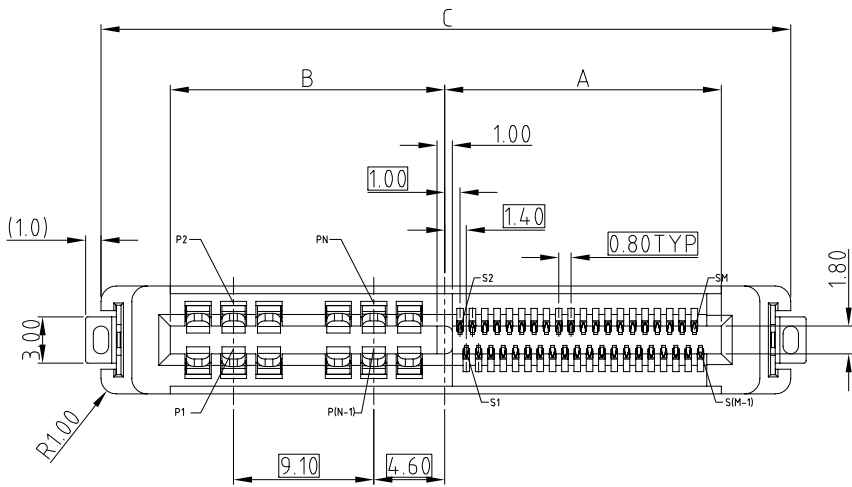
SYSTEM	DIM R
IMPEDANCE	(GOLD FINGER LENGTH)
85 ohm	2.50

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	Amphenol	
		DRAWN	Apr.25,2018		
		CHECKED			
		APPROVED		TITLE	
DRAWING FILE : INTERNAL\DRAWING\CE\C CEXXXXXX011011X		ANGLE OF PROJECTION		COOL EDGE CONNECTOR 0.80MM PITCH	
		SCALE		SIZE	REV.
		NONE		A3 C CEXXXXXX011011X	7
		SHEET 3 OF 8			

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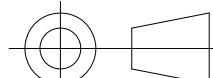
CUSTOMER DRAWING

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



RECOMMEND SOLDER PCB LAYOUT
GENERAL TOLERANCE $\pm 0.05\text{MM}$



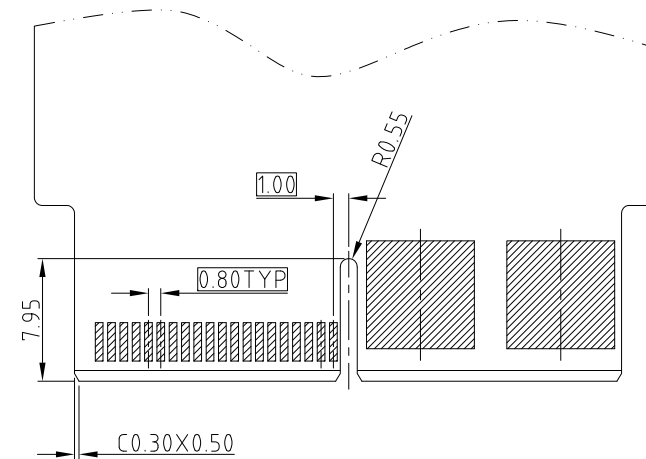
UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE		Amphenol			
TOLERANCES		DRAWN		Apr.25,2018					
U.S.		CHECKED							
METRIC		APPROVED							
.X +/- / 0.25		DRAWING FILE :				TITLE HYBRID COOL EDGE CONNECTOR 0.80MM PITCH			
.XX +/- 0.20									
.XXX +/- 0.15									
FRACTIONS +/- /		INTERNAL\DRAWING\CE\C CEXXXXXX011011X				SIZE A3			
ANGLES +/- /									
5°									
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION				DRAWING NO.		REV.	
REMOVE SHARP EDGES		DIMENSIONS				C CEXXXXXX011011X		7	
— U.S. —				SCALE		NONE		SHEET 4 OF 8	
(METRIC)		(mm)							

CUSTOMER DRAWING

Technical drawing of a mechanical part showing a cross-section with dimensions and tolerances. The drawing includes the following features and dimensions:

- Overall Dimensions:**
 - Total width: $K \pm 0.10$
 - Total height: 11.40
 - Distance from top to first step: 9.10
 - Distance from first step to second step: 7.00
 - Distance from second step to centerline: 7.00
 - Distance from centerline to right edge: $J \pm 0.10$
 - Distance from centerline to right edge (alternative dimension): 1.10 ± 0.05
 - Distance from centerline to right edge (alternative dimension): 0.50 ± 0.03
 - Distance from centerline to right edge (alternative dimension): 0.80 TYP
 - Distance from centerline to right edge (alternative dimension): 0.55
 - Distance from centerline to right edge (alternative dimension): 1.40
 - Distance from centerline to right edge (alternative dimension): 3.80
- Geometric Features:**
 - Two hatched rectangular blocks on the left side.
 - A hatched rectangular block on the right side.
 - A central vertical line indicating the centerline.
 - A dashed line indicating a hidden feature.
 - A dimension R indicating a radius.
 - A dimension X indicating a specific feature.
- Tolerances and Specifications:**
 - $K \pm 0.10$
 - $J \pm 0.10$
 - 0.50 ± 0.03
 - 1.10 ± 0.05
 - 0.80 TYP
 - 0.55
 - 1.40
 - 3.80
 - R
 - X

Technical drawing of a vertical shaft. The shaft has a diameter of $T = 1.60 \pm 0.16$. A section line is shown on the right side of the shaft. The shaft is tapered, with a taper angle of $30^\circ \pm 5^\circ$. A dimension of 0.45 is indicated for the taper.



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

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

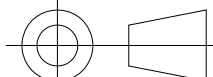


1

CUSTOMER DRAWING

[illegible]

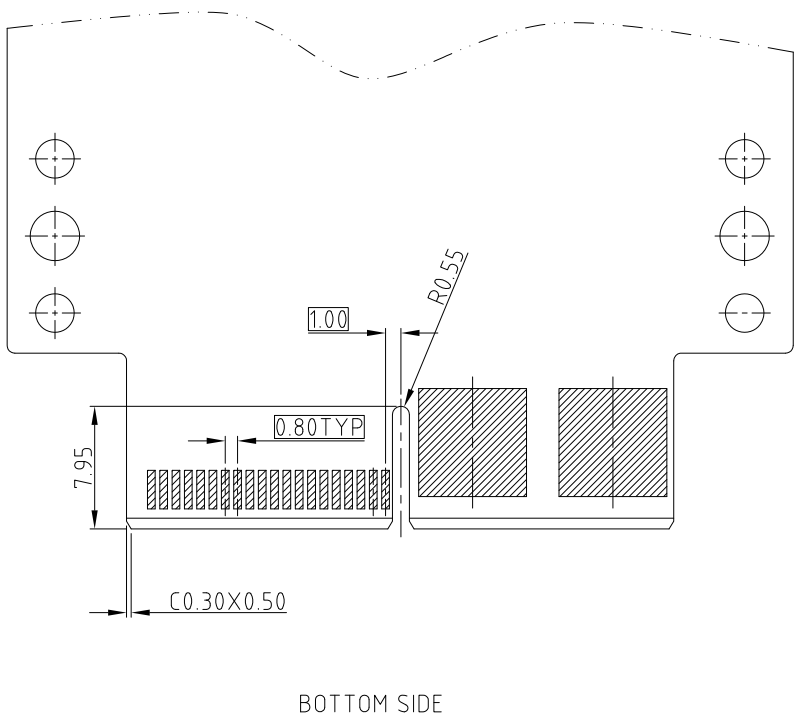
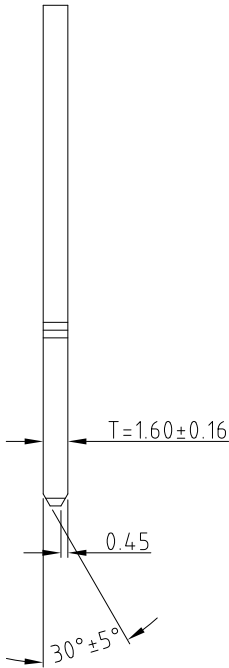
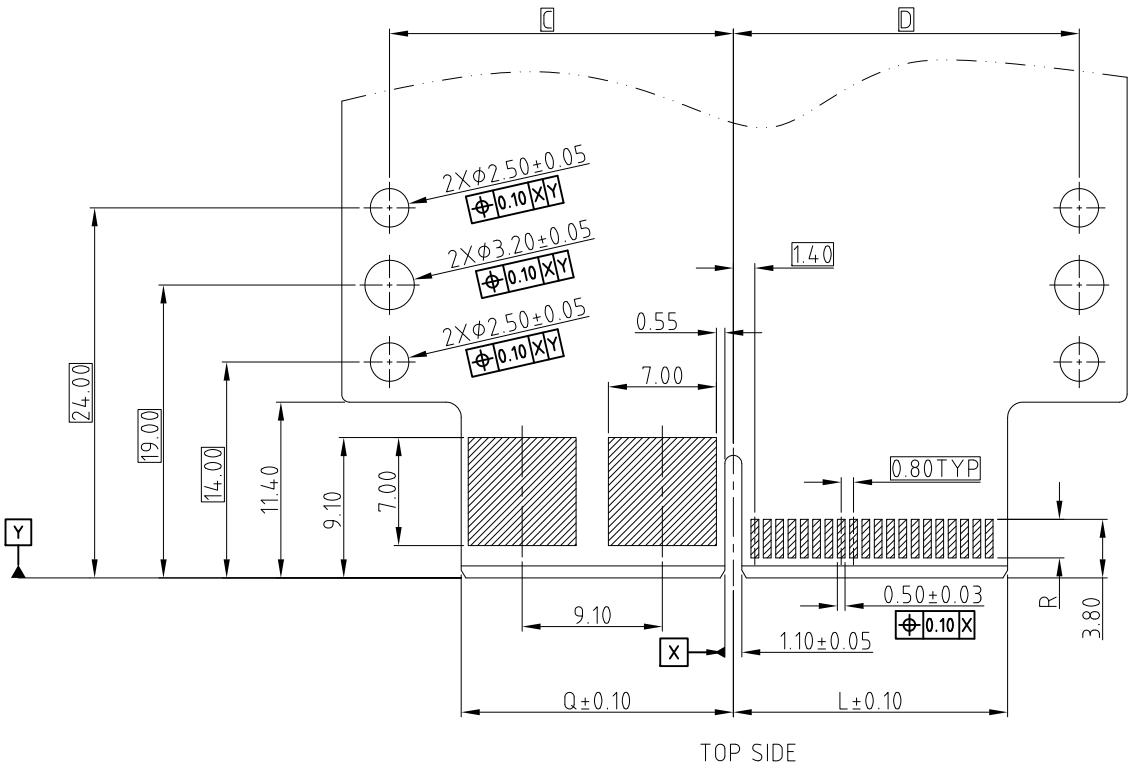
A 3D perspective view of the connector assembly. It shows the top and side profiles. The top features a long, narrow rectangular body with a series of pins protruding from the bottom. On the left side, there is a circular opening. On the right side, there is a larger, more complex structure with a circular opening and a series of pins protruding from the top. The assembly is shown in a perspective view, highlighting its three-dimensional structure.

UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE		Amphenol	
TOLERANCES		DRAWN		Apr.25,2018			
U.S.		CHECKED					
METRIC		APPROVED					
.X +/-		0.25		TITLE		HYBRID COOL EDGE CONNECTOR 0.80MM PITCH	
.XX +/-		0.20					
.XXX +/-		0.15					
FRACTIONS +/-							
ANGLES +/-		5°		DRAWING FILE :			
FOR MATERIALS AND FINISHES SEE NOTES		INTERNAL\DRAWING\CE\C CEXXXXXX011011X					
REMOVE SHARP EDGES		ANGLE OF PROJECTION		SIZE		DRAWING NO.	
DIMENSIONS				A3		C CEXXXXXX011011X	
— U.S. —				C		REV.	
INCHES				C		7	
(METRIC)				SCALE		NONE	
(mm)				SHEET		6 OF 8	

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CUSTOMER DRAWING

1 REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



RECOMMEND MATING CARD, THICKNESS=1.60 $\pm$ 0.16MM
GENERAL TOLERANCE $\pm$ 0.05MM

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



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
U.S. METRIC		DRAWN	Apr.25,2018		
.X +/- 0.25		CHECKED			
.XX +/- 0.20		APPROVED			
.XXX +/- 0.15		DRAWING FILE :		TITLE	
FRACTIONS +/-		INTERNAL\DRAWING\CE\C CEXXXXXX011011X		HYBRID COOL EDGE CONNECTOR 0.80MM PITCH	
ANGLES +/- 5°		ANGLE OF PROJECTION		SIZE	REV.
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		A3	7
DIMENSIONS		DIMENSIONS		SCALE	SHEET 7 OF 8
—U.S.—	INCHES	NONE			
(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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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.