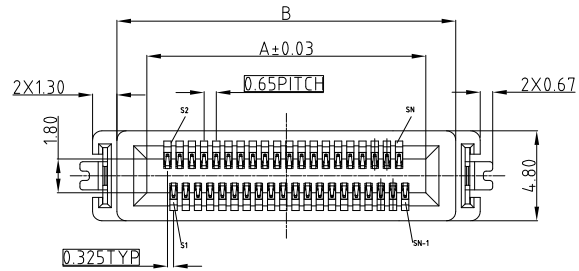


CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
9	CD1275	REMOVE 1000HM IN PN SYSTEM	Apr.25,2018	YH
10	CDXXXX	ADD CORE OUT	May.02,2018	YH



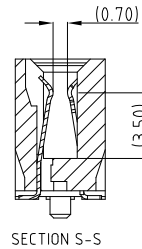
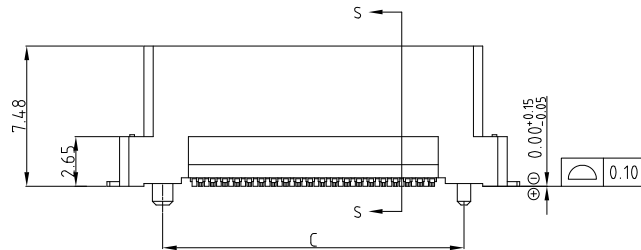
PIN COUNT	DIMENSION			
N	A	B	C	D
20	8.375	11.575	9.575	8.275
40	14.875	18.075	16.075	14.775

DIM SHEET FOR SIGNAL ONLY WITHOUT KEY

PN SYSTEM:

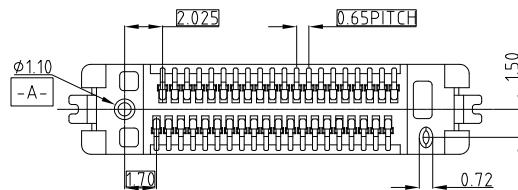
SE 1 X XXX 2311111 X

SIGNAL PIN		PLATING SPEC
020:	20PINS	1 0.76um Au
040:	40PINS	2 0.38um Au
....		3 GOLD FLASH
200:	200PINS	4 0.76um PdNi+GOLD FLASH
POWER PIN		
0:	0PINS	
4:	4PINS	
8:	8PINS	
B:	12PINS	



NOTE:

- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94-V0
SIGNAL CONTACT: COPPER ALLOY
BOARD LOCK: COPPER ALLOY
- PLATING:
SIGNAL CONTACT :
MATING AREA: REFER TO PN SYSTEM OVER 1.27-2.54 UM NICKEL UNDERPLATED
SOLDER AREA: 1.27 MIN MATTE TIN OVER 1.27-2.54 UM NICKEL UNDERPLATED
BOARD LOCK : 1.27 MIN MATTE TIN OVER 1.27-2.54 UM NICKEL UNDERPLATED
- ELECTRICAL PERFORMANCE:
RATED CURRENT FOR SIGNAL PIN: PLEASE REFER TO APPLICATION SPEC
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC # SSN002
- ORDER P/N : REFER TO PN SYSTEM



SIGNAL ONLY WITHOUT KEY

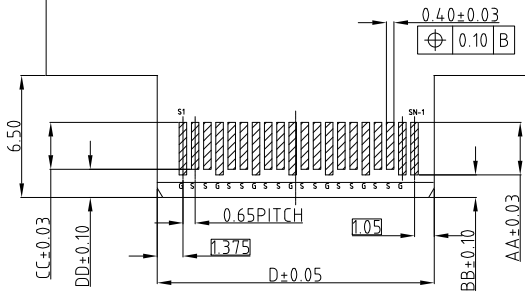
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol			
U.S.		DRAWN	MATT	May.02,2018					
METRIC		CHECKED							
		APPROVED							
.X +/-						TITLE			
.XX +/-									
.XXX +/-						SLIM COOL EDGE 0.65MM PITCH			
FRACTIONS +/-									
ANGLES +/-						SIZE			
5°									
FOR MATERIALS AND FINISHES SEE NOTES						REV.			
REMOVE SHARP EDGES									
DIMENSIONS						SCALE			
—U.S.—				NONE					
—INCHES—								SHEET 1 OF 9	
(METRIC)									
(mm)									

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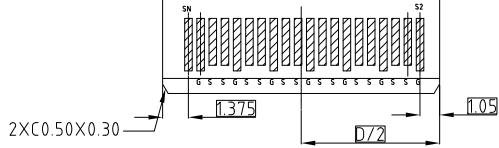
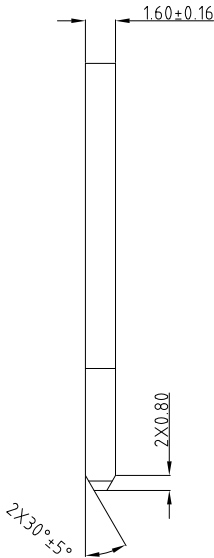
CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



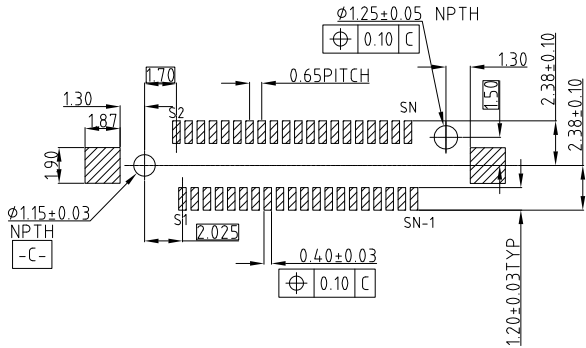
TOP SIDE



BOTTOM SIDE

RECOMMEND LAYOUT FOR MATING CARD
GENERAL TOLERANCE ±0.10

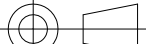
RESISTANCE (OHM)	DIMENSION			
	AA	BB	CC	DD
85	2.80	1.20	2.50	1.50
100	2.30	1.70	2.00	2.00



RECOMMEND LAYOUT FOR SOLDER PCB
GENERAL TOLERANCE ±0.10



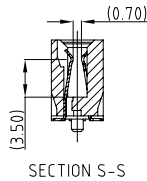
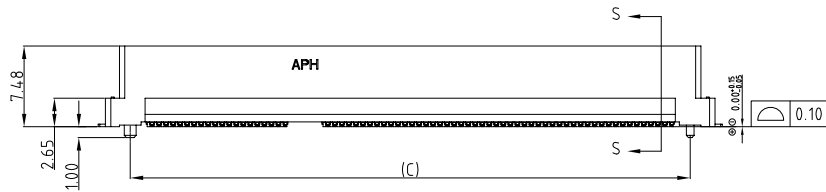
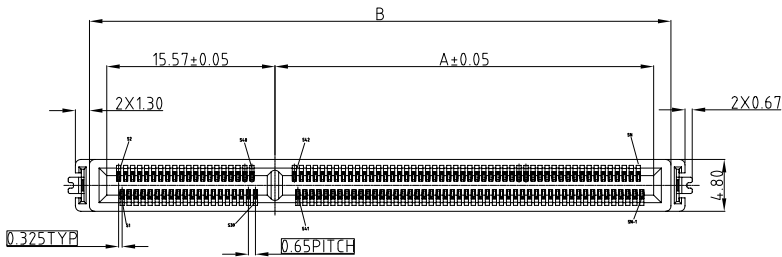
PCB LAYOUT FOR SIGNAL ONLY WITHOUT KEY

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.25 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 5° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (mm) APPROVAL DRAWN MATT May.02.2018 CHECKED APPROVED DRAWING FILE : INTERNAL\DRAWING\CE\C SE1XXXX2311111X ANGLE OF PROJECTION 	Amphenol				
	TITLE				
	SLIM COOL EDGE 0.65MM PITCH				
	SIZE	DRAWING NO.			REV.
	A3	C SE1XXXX2311111X			10
	SCALE	NONE		SHEET 2 OF 9	

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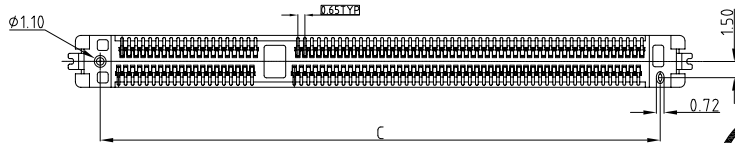
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



PIN COUNT	DIMENSION			
N(SIGANL)	A	B	C	D
60	9.075	27.85	25.85	8.925
80	15.575	34.350	32.350	15.425
100	22.075	40.850	38.850	21.925
120	28.575	47.350	45.350	28.425
140	35.075	53.850	51.850	34.925
160	41.575	60.350	58.350	41.425
180	48.075	66.850	64.850	47.925
200	54.575	73.350	71.350	54.425

DIM SHEET FOR SIGNAL ONLY WITH KEY



SIGNAL ONLY WITH KEY

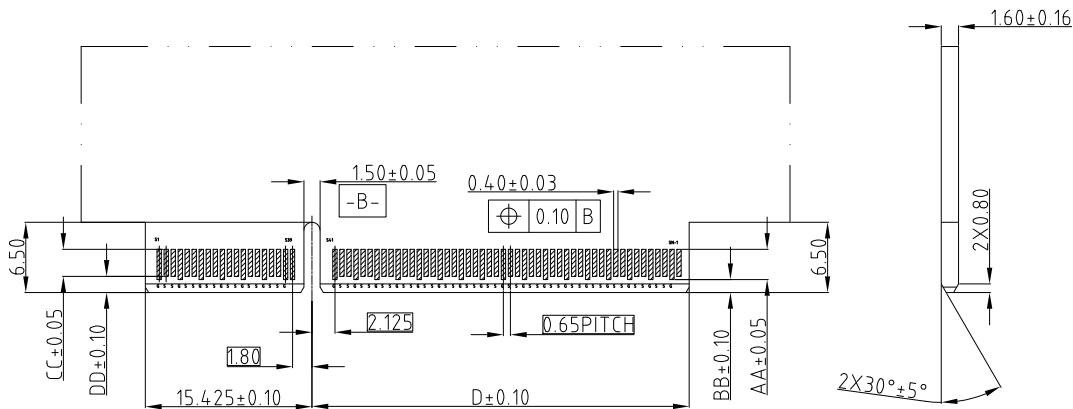


UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 5° FOR MATERIALS AND FINISHES SEE NOTES		APPROVAL DRAWN MATT CHECKED APPROVED		DATE May.02.2018	
REMOVE SHARP EDGES		DRAWING FILE : INTERNAL\DRAWING\CE\C SE1XXXX2311111X		TITLE SLIM COOL EDGE 0.65MM PITCH	
DIMENSIONS —U.S.— INCHES (METRIC) (mm)		ANGLE OF PROJECTION 		SIZE A3	DRAWING NO. C SE1XXXX2311111X
				SCALE NONE	REV. 10
				SHEET 3 OF 9	

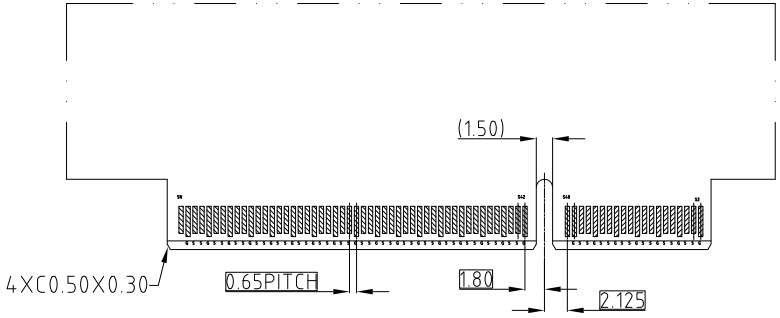
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

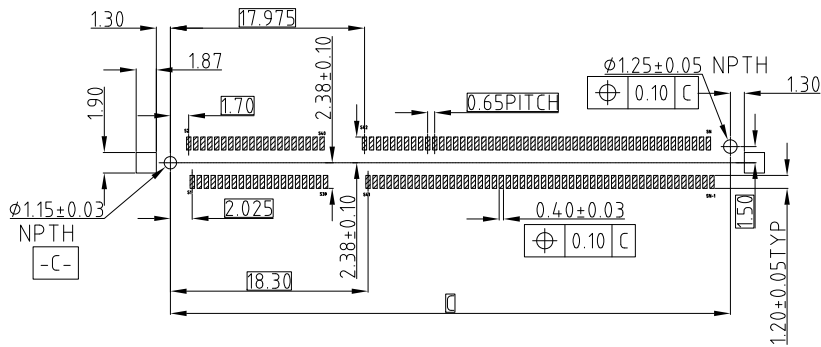


TOP SIDE



BOTTOM SIDE

RECOMMEND LAYOUT FOR MATING CARD
GENERAL TOLERANCE ±0.10

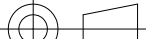


RECOMMEND LAYOUT FOR SOLDER PCB
GENERAL TOLERANCE ±0.10

PCB LAYOUT FOR SIGNAL ONLY WITH KEY

RESISTANCE (OHM)	DIMENSION			
	AA	BB	CC	DD
85	2.80	1.20	2.50	1.50
100	2.30	1.70	2.00	2.00



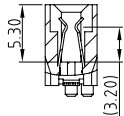
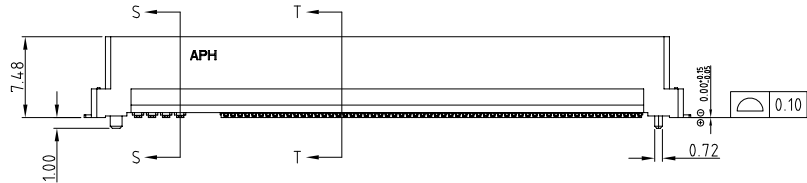
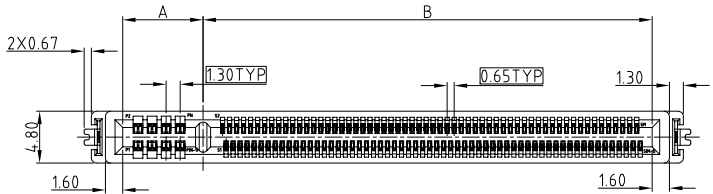
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 5° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (mm) APPROVALDATE DRAWNMATTMay.02.2018 CHECKEDAPPROVED DRAWING FILE :INTERNAL\DRAWING\CE\C SE1XXXX231111X ANGLE OF PROJECTION 	Amphenol	
	TITLE	
	SLIM COOL EDGE 0.65MM PITCH	
	SIZE	DRAWING NO.
	A3	C SE1XXXX2311111X
	SCALE	NONE
	SHEET 4 OF 9	
	REV.	10

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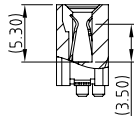
CUSTOMER DRAWING

REVISIONS

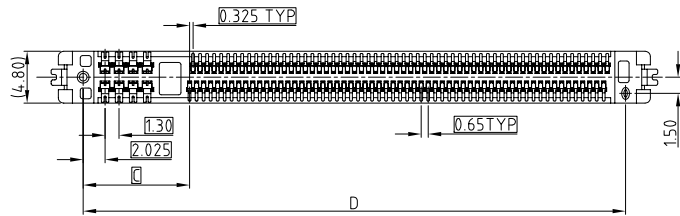
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



SECTION S-S



SECTION T-T

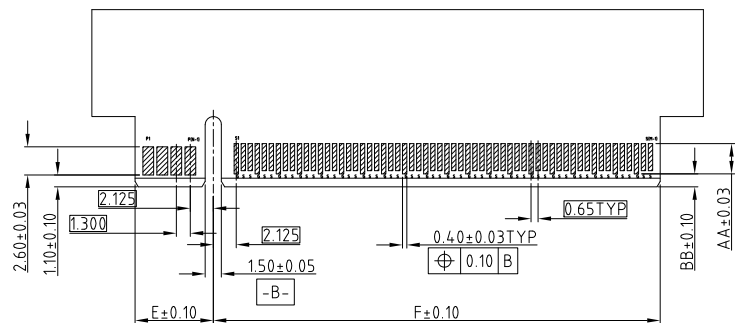


HYBRID(POWER+SIGNAL)

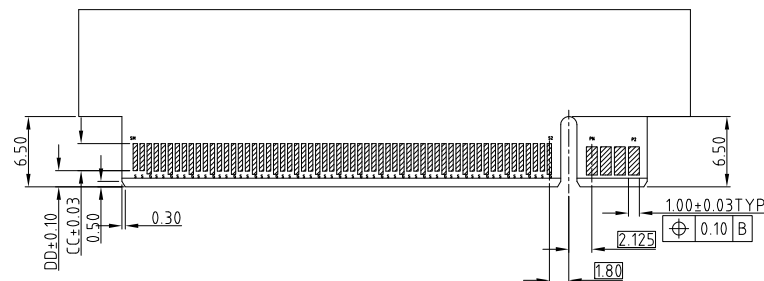
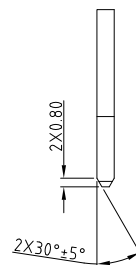
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 5° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS —U.S.— INCHES (METRIC) (mm)		APPROVAL		DATE
		DRAWN	MATT	May.02,2018
		CHECKED		
		APPROVED		
		DRAWING FILE :		
		INTERNAL\DRAWING\CE\C SE1XXXX231111X		
		ANGLE OF PROJECTION		

Amphenol			
TITLE HYBRID SLIM COOL EDGE 0.65MM PITCH			
SIZE	DRAWING NO.		REV.
A3	C SE1XXXX231111X		10
SCALE	NONE		SHEET 5 OF 9

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

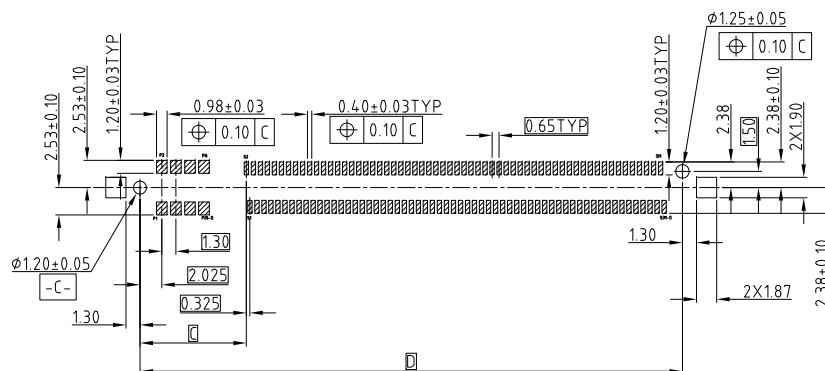


TOP SIDE



BOTTOM SIDE

RECOMMENDED LAY OUT FOR MATING CARD, T=1.60±0.16
GENERAL TOLERANCE ±0.10



RECOMMENDED FOOTPRINT LAYOUT
GENERAL TOLERANCE ± 0.10

RESISTANCE (OHM)	DIMENSION			
	AA	BB	CC	DD
85	2.80	1.20	2.50	1.50
100	2.30	1.70	2.00	2.00

PCB LAYOUT FOR HYBRID(POWER+SIGNAL)



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	
U.S.		DRAWN	MATT	May.02,2018	
METRIC		CHECKED			
		APPROVED			
.X +/— 0.3 .XX +/— 0.20 .XXX +/— 0.20 FRACTIONS +/— ANGLES +/— °		DRAWING FILE :		TITLE	
FOR MATERIALS AND FINISHES SEE NOTES		INTERNAL DRAWING, C/C, SE1XXXX231111X		HYBRID SLIM COOL EDGE 0.65MM PITCH	
REMOVE SHARP EDGES		ANGLE OF PROJECTION		SIZE	
DIMENSIONS				DRAWING NO.	
—U.S.—				A3	
—INCHES—				C SE1XXXX231111X	
(METRIC)	(mm)	SCALE		REV.	
		NONE		10	
		SHEET 6		OF 9	

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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
4	20	4.850	9.075	7.250	15.125	4.650	8.875
	40	4.850	15.575	7.250	21.625	4.650	15.375
	60	4.850	22.075	7.250	28.125	4.650	21.875
	80	4.850	28.575	7.250	34.625	4.650	28.375
	100	4.850	35.075	7.250	41.125	4.650	34.875
	120	4.850	41.575	7.250	47.625	4.650	41.375
	140	4.850	48.075	7.250	54.125	4.650	47.875
	160	4.850	54.575	7.250	60.625	4.650	54.375

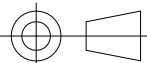
PIN COUNT		DIMENSION					
N(POWER)	M(SIGNAL)	A	B	C	D	E	F
8	20	7.450	9.075	9.850	17.725	7.250	8.875
	40	7.450	15.575	9.850	24.225	7.250	15.375
	60	7.450	22.075	9.850	30.725	7.250	21.875
	80	7.450	28.575	9.850	37.225	7.250	28.375
	100	7.450	35.075	9.850	43.725	7.250	34.875
	120	7.450	41.575	9.850	50.225	7.250	41.375
	140	7.450	48.075	9.850	56.725	7.250	47.875
	160	7.450	54.575	9.850	63.225	7.250	54.375

PIN COUNT		DIMENSION					
N(POWER)	M(SIGNAL)	A	B	C	D	E	F
12	20	10.050	9.075	12.450	20.325	9.850	8.875
	40	10.050	15.575	12.450	26.825	9.850	15.375
	60	10.050	22.075	12.450	33.325	9.850	21.875
	80	10.050	28.575	12.450	39.825	9.850	28.375
	100	10.050	35.075	12.450	46.325	9.850	34.875
	120	10.050	41.575	12.450	52.825	9.850	41.375
	140	10.050	48.075	12.450	59.325	9.850	47.875
	160	10.050	54.575	12.450	65.825	9.850	54.375

DIM SHEET FOR HYBRID(POWER+SIGNAL)



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol							
U.S.		DRAWN	MATT	May.02,2018									
METRIC		CHECKED											
		APPROVED											
.X +/- 0.3		DRAWING FILE : INTERNAL\DRAWING\CE\C SE1XXXX2311111X				TITLE HYBRID SLIM COOL EDGE 0.65MM PITCH							
.XX +/- 0.20													
.XXX +/- 0.20													
FRACTIONS +/-													
ANGLES +/- 5°						SIZE A3	DRAWING NO. C SE1XXXX2311111X						
FOR MATERIALS AND FINISHES SEE NOTES													
REMOVE SHARP EDGES		ANGLE OF PROJECTION											
DIMENSIONS						SCALE	NONE						
—U.S.—													
(METRIC)													
						SHEET 7 OF 9							

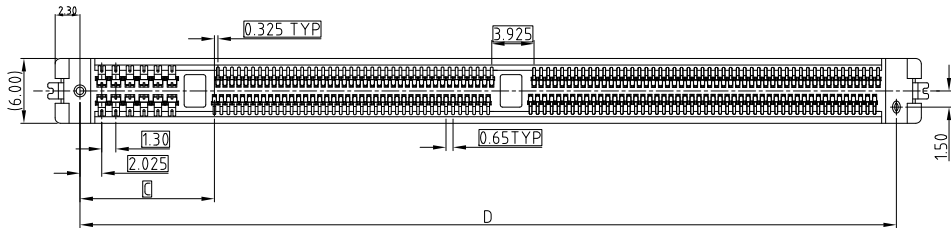
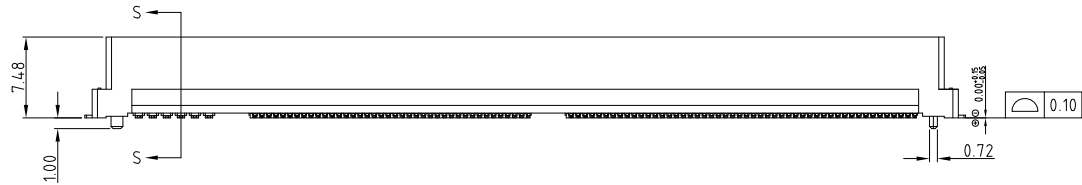
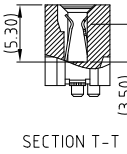
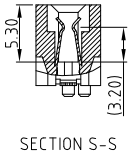
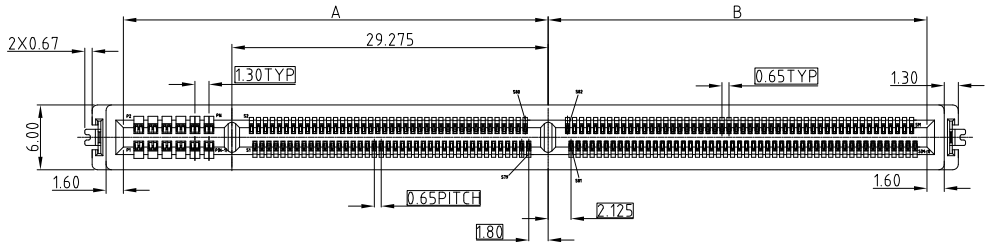


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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



PIN COUNT		DIMENSION					
N(POWER)	M(SIGNAL)	A	B	C	D	E	F
4	180	34.125	35.075	7.250	70.400	33.925	34.875
	200	34.125	41.575	7.250	76.900	33.925	41.375
8	180	36.725	35.075	9.850	73.000	36.525	34.875
	200	36.725	41.575	9.850	79.500	36.525	41.375
12	180	39.325	35.075	12.450	75.600	39.125	34.875

HYBRID(POWER+SIGNAL)



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN	MATT
.X +/-	0.3	CHECKED	May.02,2018
.XX +/-	0.20	APPROVED	
.XXX +/-	0.20		
FRACTIONS +/-	5°		
ANGLES +/-			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		INTERNAL\DRAWING\CE\ C SE1XXXX2311111X	
DIMENSIONS		ANGLE OF PROJECTION	
—U.S.—	INCHES		
(METRIC)	(mm)		

Amphenol

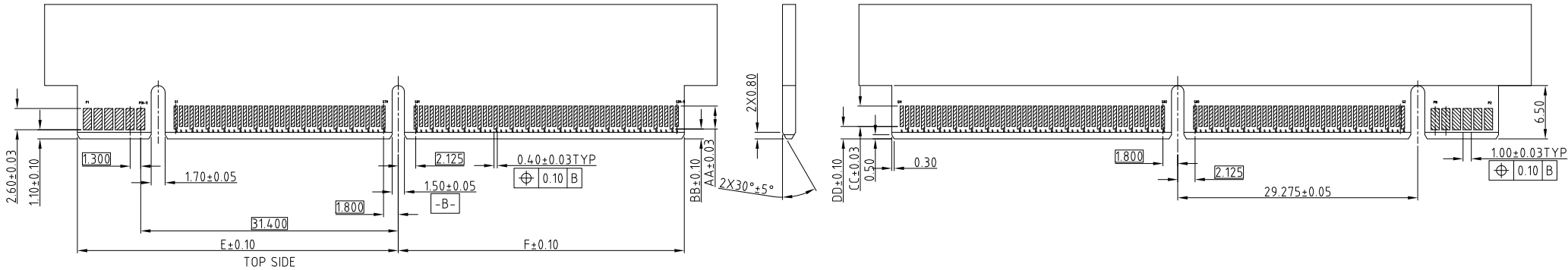
TITLE HYBRID SLIM COOL EDGE 0.65MM PITCH

SIZE	DRAWING NO.	REV.
A3	C SE1XXXX2311111X	10
SCALE	NONE	SHEET 8 OF 9

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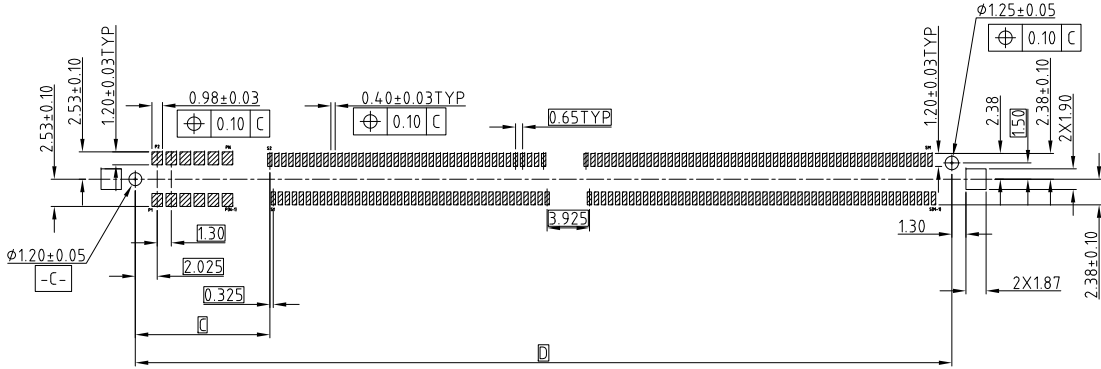
CUSTOMER DRAWING

REVISIONS			
SYM	ECN	DESCRIPTION	DATE
		SEE SHEET 1	



RECOMMENDED LAY OUT FOR MATING CARD, T=1.60±0.16
GENERAL TOLERANCE ±0.10

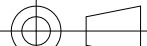
RESISTANCE (OHM)	DIMENSION			
	AA	BB	CC	DD
85	2.80	1.20	2.50	1.50
100	2.30	1.70	2.00	2.00



RECOMMENDED FOOTPRINT LAYOUT
GENERAL TOLERANCE ±0.10

PCB LAYOUT FOR HYBRID(POWER+SIGNAL)



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- 5" ANGLES +/- 5" FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (mm)	APPROVAL		DATE		Amphenol			
	DRAWN	MATT	May.02,2018					
	CHECKED				TITLE HYBRID SLIM COOL EDGE 0.65MM PITCH			
	APPROVED							
	DRAWING FILE :							
	INTERNAL\DRAWING\CE\C SE1XXXX2311111X				SIZE A3 SCALE NONE SHEET 9 OF 9			
	ANGLE OF PROJECTION							
								
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