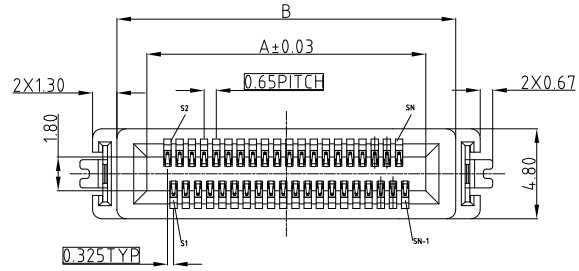


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
9	CD1275	REMOVE 100OHM IN PN SYSTEM	Apr.25,2018	YH
10	CDXXXX	ADD CORE OUT	May.02,2018	YH

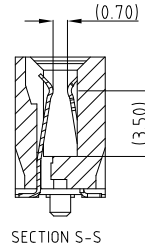
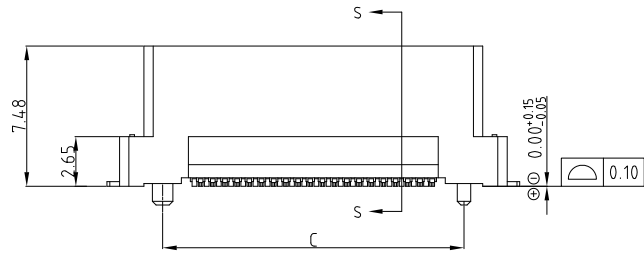


PIN COUNT	DIMENSION			
	A	B	C	D
20	8.375	11.575	9.575	8.275
40	14.875	18.075	16.075	14.775

DIM SHEET FOR SIGNAL ONLY WITHOUT KEY

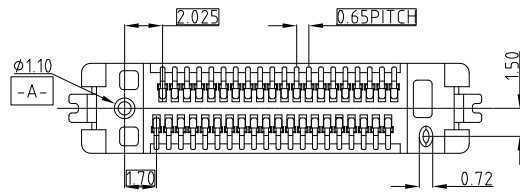
PN SYSTEM:

- SE 1 X XXX 2311111 X
- SIGNAL PIN
 - 020: 20PINS
 - 040: 40PINS
 -
 - 200: 200PINS
- POWER PIN
 - 0: 0PINS
 - 4: 4PINS
 - 8: 8PINS
 - B: 12PINS
- PLATING SPEC
 - 1 0.76um Au
 - 2 0.38um Au
 - 3 GOLD FLASH
 - 4 0.76um PdNi+GOLD FLASH



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 # SSS002
- ORDER P/N : REFER TO PN SYSTEM



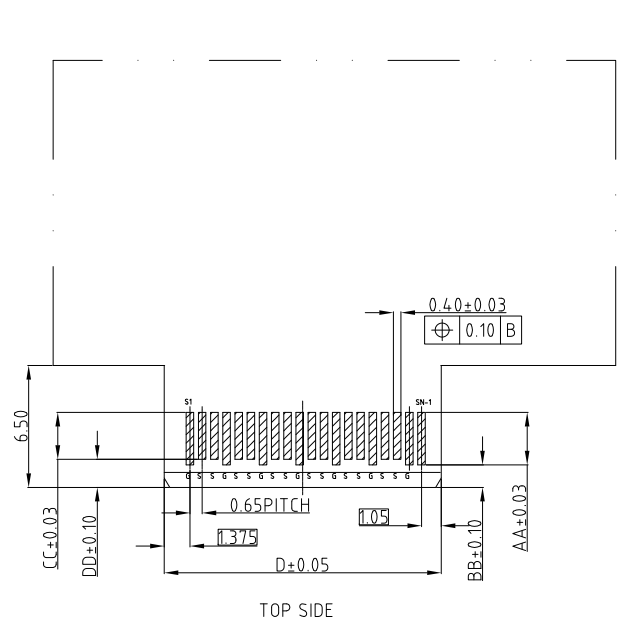
SIGNAL ONLY WITHOUT KEY

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	APPROVAL		DATE	Amphenol TITLE SLIM COOL EDGE 0.65MM PITCH
	DRAWN	MATT	May.02,2018	
	CHECKED			
	APPROVED			
REMOVE SHARP EDGES	ANGLE OF PROJECTION		DRAWING FILE :	SIZE DRAWING NO. REV. A3 C SE1XXXX2311111X 10
DIMENSIONS			INTERNAL\DRAWING\CE\C SE1XXXX2311111X	
U.S. INCHES				
METRIC (mm)				SCALE NONE SHEET 1 OF 9

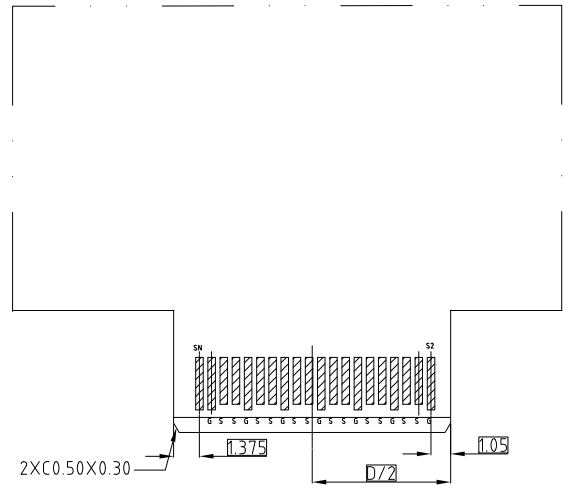
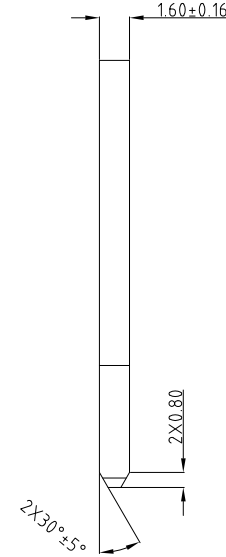
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



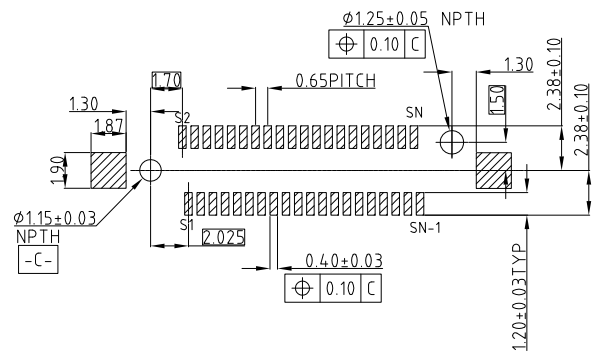
TOP SIDE



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

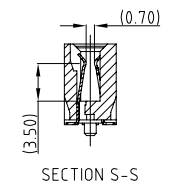
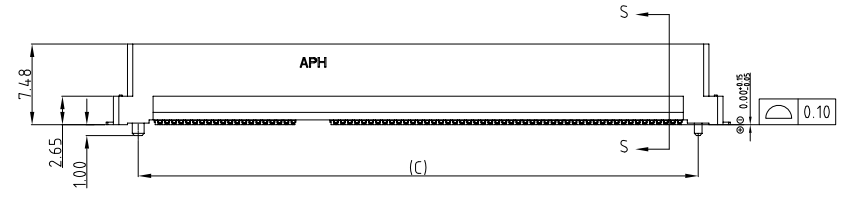
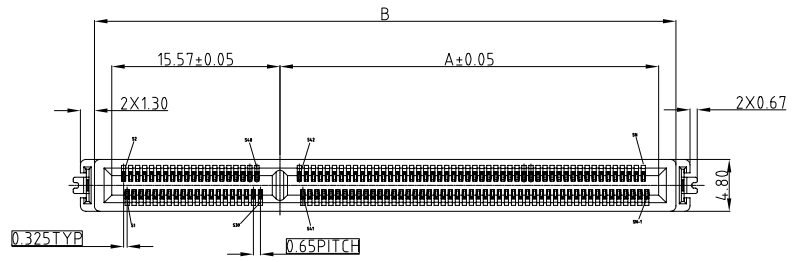


UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.25 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- 1/7 ANGLES +/- 5° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (mm)	APPROVAL	DATE	Amphenol TITLE SLIM COOL EDGE 0.65MM PITCH SIZE DRAWING NO. REV. A3 C SE1XXXX2311111X 10		
	DRAWN	MATT			May.02.2018
	CHECKED				
	APPROVED				
	DRAWING FILE :				
	INTERNAL\DRAWING\CE\C SE1XXXX2311111X				
	ANGLE OF PROJECTION				
	SCALE	NONE	SHEET 2 OF 9		

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

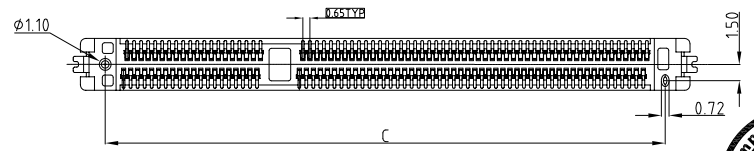
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



PIN COUNT	DIMENSION			
	N(SIGNAL)	A	B	C
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

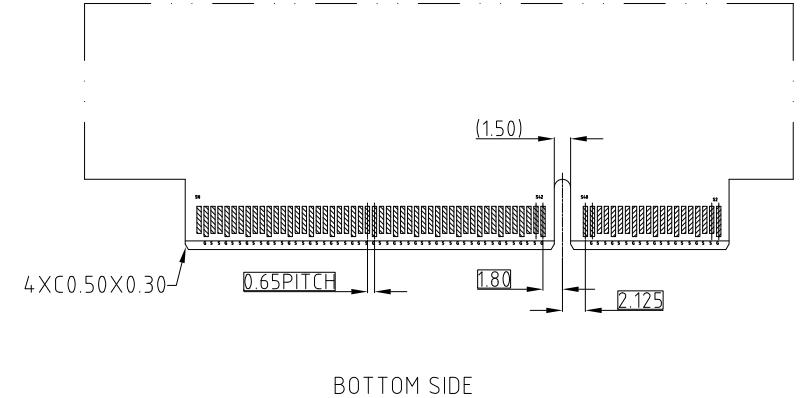
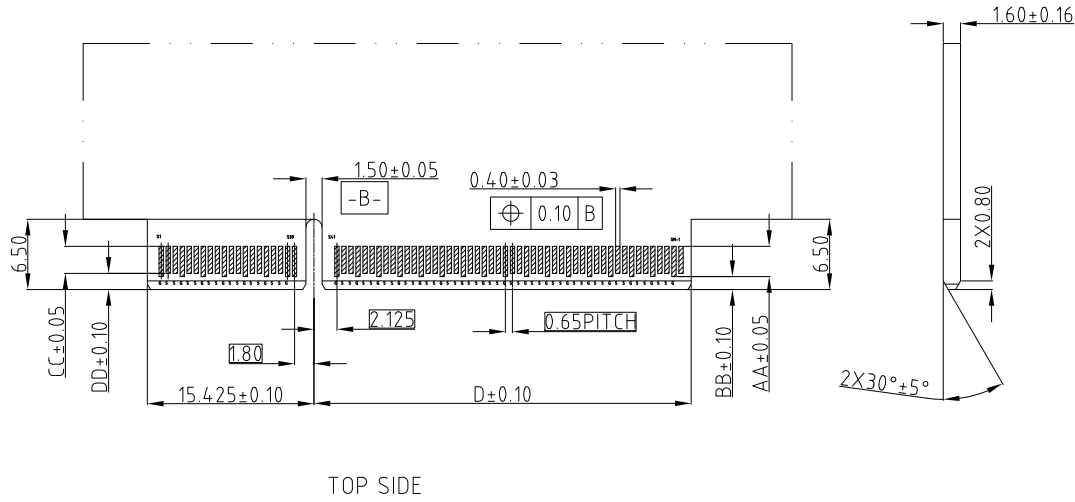


UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.3 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 5° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS —U.S.— INCHES (METRIC) (mm)	APPROVAL DRAWN MATT CHECKED APPROVED	DATE May.02.2018	Amphenol			
	DRAWING FILE : INTERNAL_DRAWING\CEVC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

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

CUSTOMER DRAWING

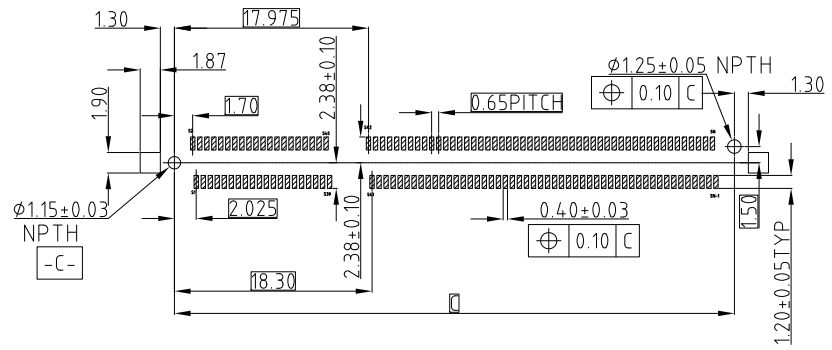
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



TOP SIDE

BOTTOM SIDE

RECOMMEND LAYOUT FOR MATING CARD
GENERAL TOLERANCE ±0.10



RECOMMEND LAYOUT FOR SOLDER PCB
GENERAL TOLERANCE ±0.10

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



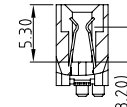
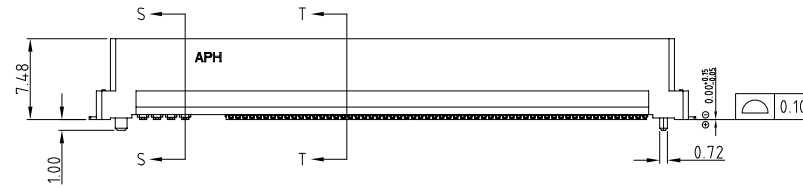
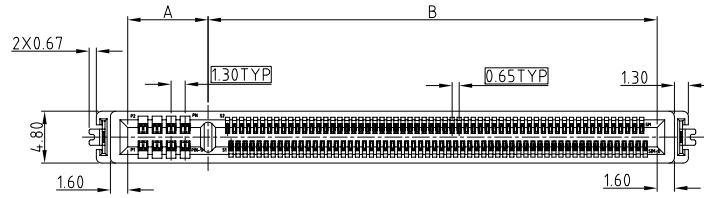
PCB LAYOUT FOR SIGNAL ONLY WITH KEY

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 REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (mm)	APPROVAL	DATE	Amphenol TITLE SLIM COOL EDGE 0.65MM PITCH		
	DRAWN MATT	May.02.2018			
	CHECKED				
	APPROVED				
	DRAWING FILE :		SIZE	DRAWING NO.	REV.
	INTERNAL_DRAWING\CEVC SE1XXXX231111X		A3	C SE1XXXX231111X	10
	ANGLE OF PROJECTION		SCALE	NONE	SHEET 4 OF 9

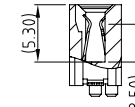
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

CUSTOMER DRAWING

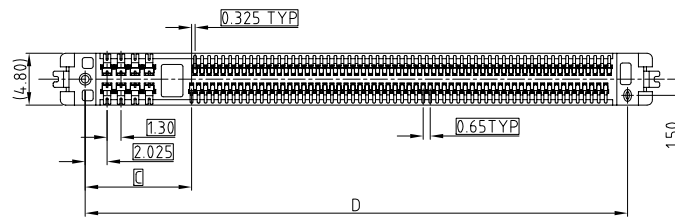
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



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)

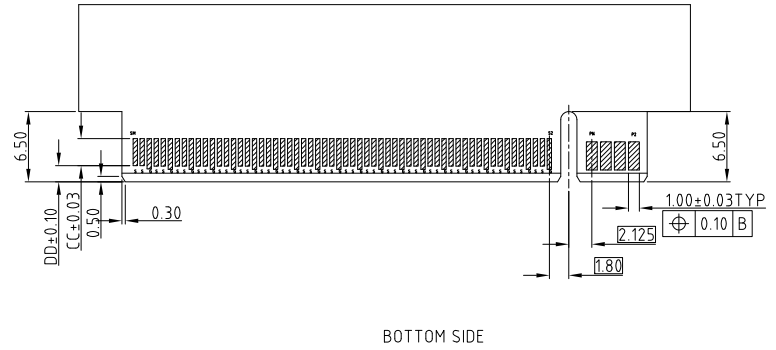
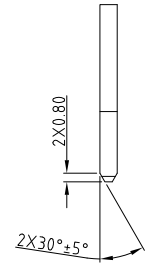
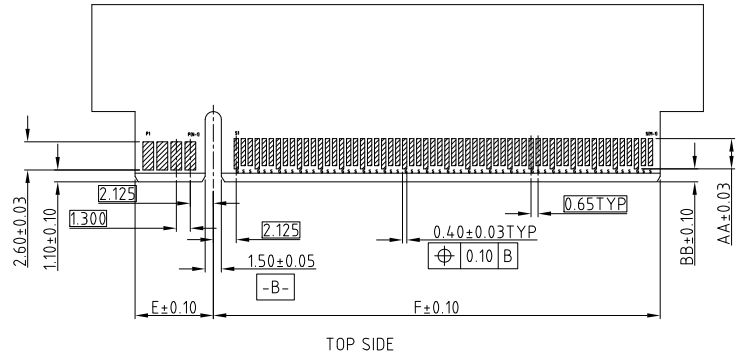
APPROVAL	DATE
DRAWN MATT	May.02,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL_DRAWING\CEVC SE1XXXX231111X	
ANGLE OF PROJECTION	

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

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

CUSTOMER DRAWING

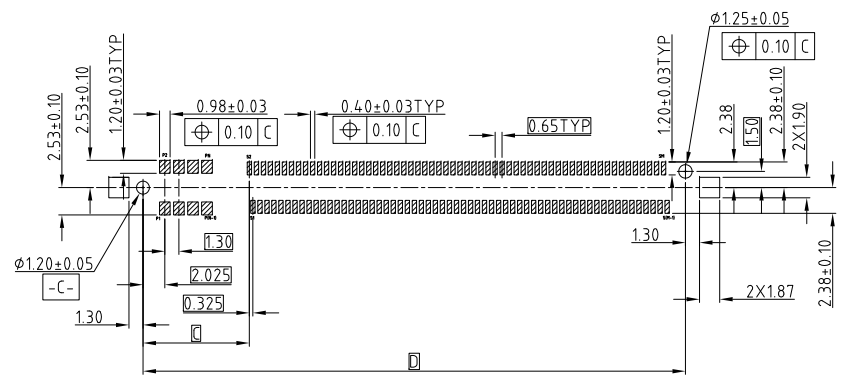
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



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	
U.S.	METRIC
X +/-	0.3
.XX +/-	0.20
.XXX +/-	0.20
FRACTIONS +/-	5°
ANGLES +/-	
FOR MATERIALS AND FINISHES SEE NOTES	
REMOVE SHARP EDGES	ANGLE OF PROJECTION
DIMENSIONS	
—U.S.—	INCHES
(METRIC)	(mm)

APPROVAL	DATE
DRAWN MATT	May.02,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL_DRAWING\CFC\SE1XXXX231111X	

Amphenol

TITLE HYBRID SLIM COOL EDGE
0.65MM PITCH

SIZE	DRAWING NO.	REV.
A3	C SE1XXXX231111X	10
SCALE	NONE	SHEET 6 OF 9

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

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)

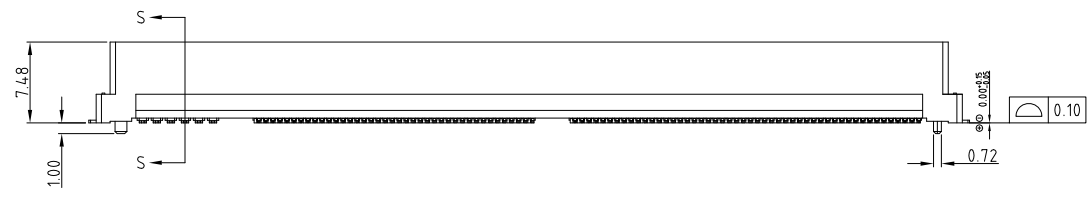
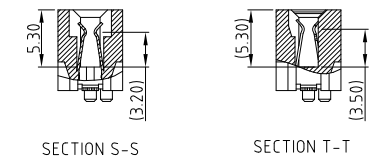
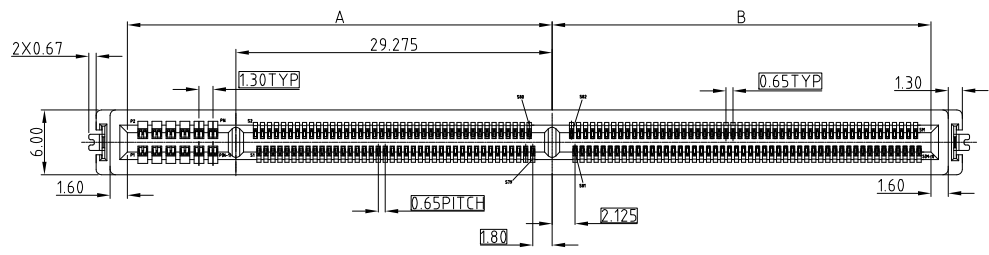


UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol	
U.S. METRIC		DRAWN	MATT	May.02,2018		
X +/- 0.3		CHECKED				
.XX +/- 0.20		APPROVED				
.XXX +/- 0.20		DRAWING FILE :		TITLE		
FRACTIONS +/-		INTERNAL_DRAWING\CEVC SE1XXXX231111X		HYBRID SLIM COOL EDGE		
ANGLES +/- 5°		REMOVE SHARP EDGES		0.65MM PITCH		
FOR MATERIALS AND FINISHES SEE NOTES		DIMENSIONS		SIZE		DRAWING NO.
		—U.S.— INCHES		A3		C SE1XXXX231111X
		(METRIC) (mm)		SCALE		REV.
		ANGLE OF PROJECTION		NONE		10
				SHEET 7 OF 9		

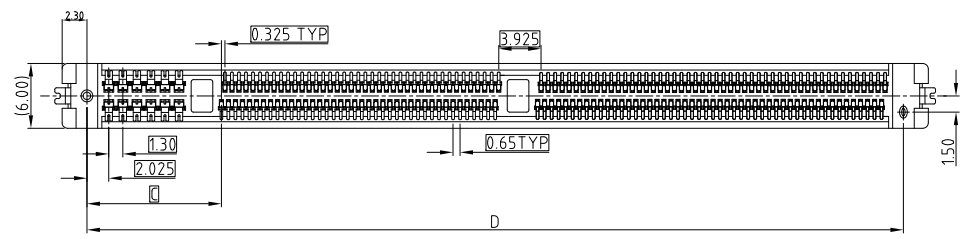
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

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)

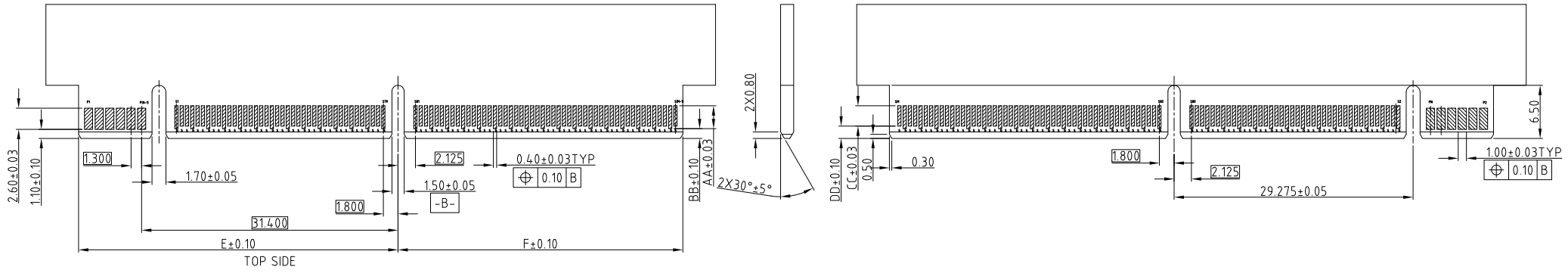


UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol					
U.S. METRIC		DRAWN	MATT	May.02.2018				TITLE HYBRID SLIM COOL EDGE 0.65MM PITCH		
X +/-	0.3	CHECKED								
.XX +/-	0.20	APPROVED								
.XXX +/-	0.20	DRAWING FILE :		INTERNAL_DRAWING_CEC SE1XXXX2311111X						
FRACTIONS +/-	5"	REMOVE SHARP EDGES		ANGLE OF PROJECTION	SIZE	DRAWING NO.	REV.			
ANGLES +/-		DIMENSIONS			A3	C SE1XXXX2311111X	10			
FOR MATERIALS AND FINISHES SEE NOTES		—U.S.— INCHES			SCALE	NONE	SHEET 8 OF 9			
		(METRIC) (mm)								

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

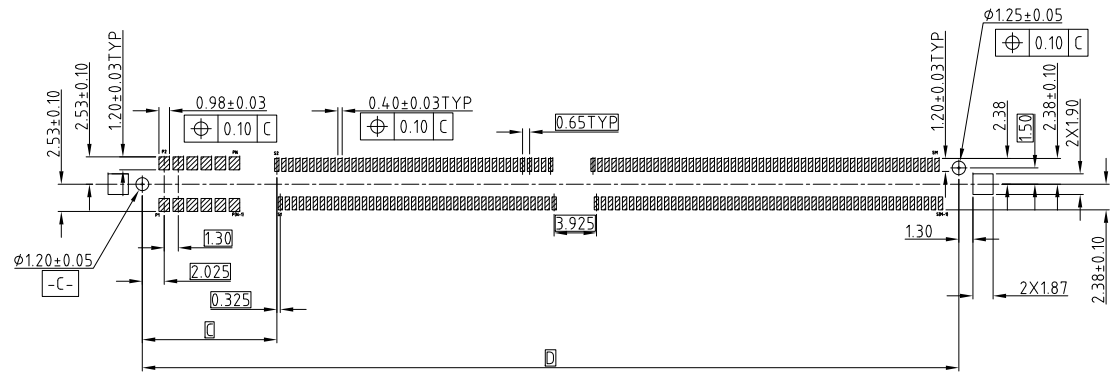
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		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

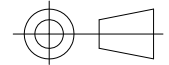
PCB LAYOUT FOR HYBRID(POWER+ SIGNAL)



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

APPROVAL	DATE
DRAWN MATT	May.02,2018
CHECKED	
APPROVED	
DRAWING FILE :	
INTERNAL_DRAWING_CEC_C SE1XXXX231111X	

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[SE1010023111111](#) [SE1806023111111](#) [SE1006023111111](#) [SE1002023111111](#) [SE1B14023111111](#)
[SE1B04023111111](#) [SE1816023111111](#) [SE1412023111111](#) [SE1818023111111](#) [SE1402023111111](#)
[SE1410023111111](#) [SE1420023111111](#) [SE1012023111111](#) [SE1014023111111](#) [SE1B12023111111](#)
[SE1408023111111](#) [SE1820023111111](#) [SE1812023111111](#) [SE1008023111111](#) [SE1416023111111](#)
[SE1B18023111111](#) [SE1B16023111111](#) [SE1B06023111111](#) [SE1814023111111](#) [SE1404023111111](#)
[SE1800023111111](#) [SE1004023111111](#) [SE1B08023111111](#) [SE1018023111111](#) [SE1B10023111111](#)
[SE1414023111111](#) [SE1810023111111](#) [SE1406023111111](#) [SE1B02023111111](#) [SE1B00023111111](#)
[SE1802023111111](#) [SE1808023111111](#) [SE1016023111111](#) [SE1804023111111](#) [SE1418023111111](#)
[SE1020023111111](#)