

REV.	ECN. NO.	APPD.
A	BC-17-0017452	Davy Bu
B	BC-18-0023517	Davy Bu
BX1	06/02'18	Davy Bu
BX2	08/02'18	Davy Bu

NOTES:

- MECHANICAL CHARACTERISTICS:
 - DIMENSIONS SHALL BE INTERPETED PER ANSI Y14.5M-1994.
 - TAIL COPLANARITY TO BE 0.10mm MAX. PCB COPLANARITY TO BE 0.03mm MAX. ON CONNECTOR AREA.
 - DURABILITY: 1000 CYCLES.
 - RETENTION FORCE: 0.25 KGF PER PIN
- ELECTRICAL CHARACTERISTICS:
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN. AT 500 VDC.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC AT SEA LEVEL.
 - LOW LEVEL CONTACT RESISTANCE DRY CIRCUIT: LLCR: 15 m maximum
- ENVIRONMENTAL CHARACTERISTICS:
 - OPERATING TEMPERATURE: -55°C TO 125°C.

PRDUCT NO: 2EM 5 ** * - B1 9 BL - * *

SERIES PREFIX : _____
 MINI EDGE CARD
 PITCH TYPE:
 5: 0.80mm PITCH
 VERTICAL SMT

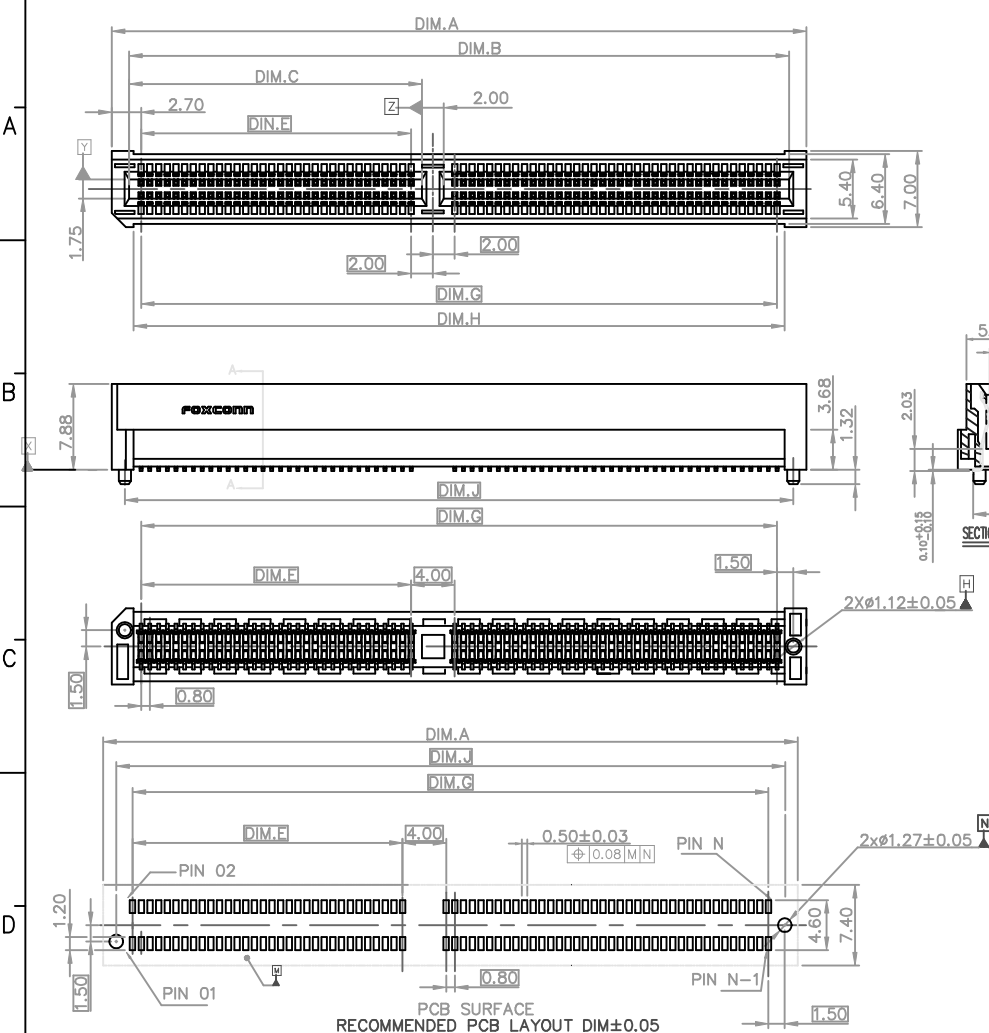
NO. OF POS.: _____
 10: 20 POS.
 20: 40 POS.
 40: 80 POS.
 50: 100 POS.
 60: 120 POS.
 70: 140 POS.
 80: 160 POS.
 90: 180 POS.
 A0: 200 POS.

CONTACT AREA PLATING:
 1: GOLD FLASH.
 7: 15u" GOLD
 3: 30u" GOLD

GREEN CODE:
 F: LEAD FREE
 RoHS 2.0 COMPLIANT
 H: LEAD FREE
 HALOGEN FREE
 RoHS 2.0 COMPLIANT

PACKAGE CODE:
 8: TAPE REEL WITH MYLAR
 7: TAPE REEL WITHOUT MYLAR
 2: HARD TRAY WITH MYLAR
 ONLY FOR 160 PIN & 180PIN & 200PIN
 4: SOFT TRAY WITHOUT MYLAR
 ONLY FOR 160 PIN & 180PIN & 200PIN
 5: SOFT TRAY WITH MYLAR
 ONLY FOR 160 PIN & 180PIN & 200PIN

EXTENSION CODE
 TAIL LENGTH
 9: SMT TAIL
 EXTENSION CODE



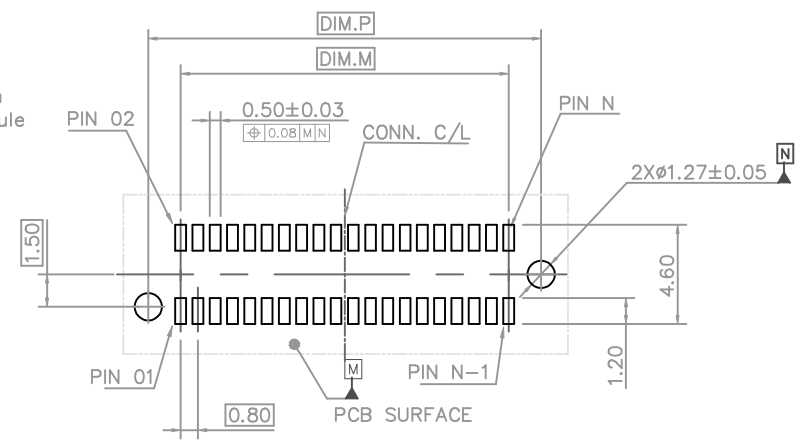
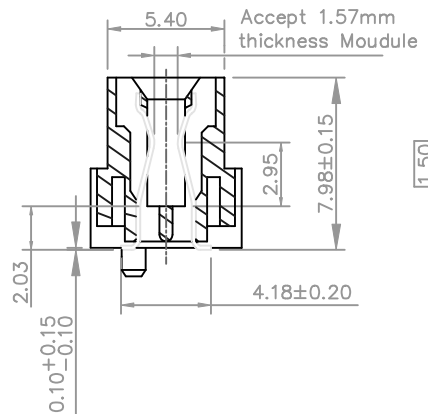
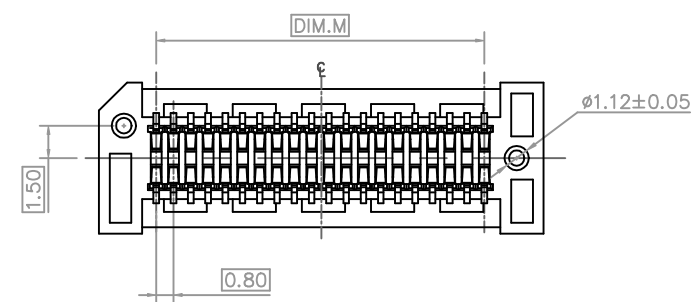
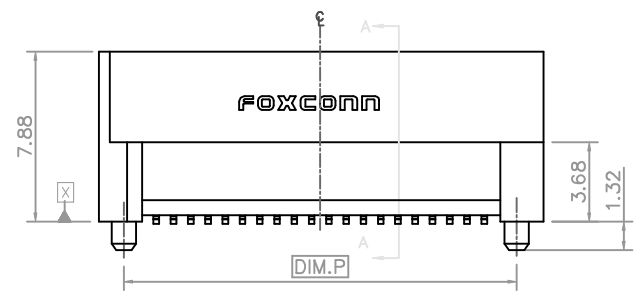
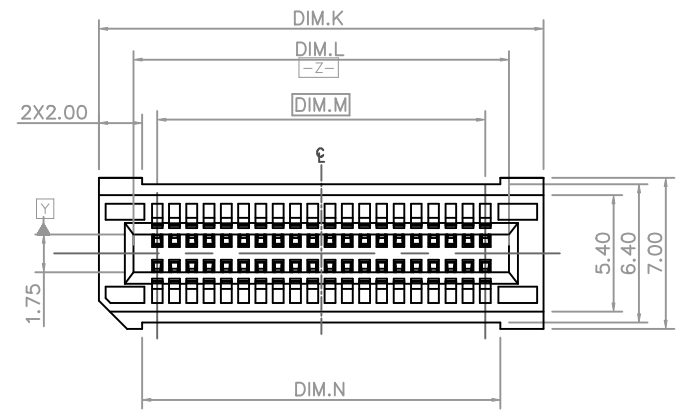
2EM5A0*-B19BL-**	87.80	84.60	26.90	24.80	82.40	83.80	85.40	200	TO BE DEVELOPED
2EM590*-B19BL-**	79.80	76.60	26.90	24.80	74.40	75.80	77.40	180	TO BE DEVELOPED
2EM580*-B19BL-**	71.80	68.60	26.90	24.80	66.40	67.80	69.40	160	
2EM570*-B19BL-**	63.80	60.60	26.90	24.80	58.40	59.80	61.40	140	
2EM560*-B19BL-**	55.80	52.60	26.90	24.80	50.40	51.80	53.40	120	
2EM550*-B19BL-**	47.80	44.60	22.90	20.80	42.40	43.80	45.40	100	
2EM540*-B19BL-**	39.80	36.60	18.90	16.80	34.40	35.80	37.40	80	TO BE DEVELOPED
PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. E	DIM. G	DIM. H	DIM. J	PIN N	

2	CONTACT	SEE P/N	COPPER ALLOY	NICKEL PLATING OVERALL THICKNESS 50u" MIN. GOLD PLATING OVER NICKEL ON THE CONTACT AREA MATTE TIN PLATING OVER NICKEL ON THE TAIL.
1	HOUSING	1	THERMOPLASTIC ,UL94V-0	MOLDED BLACK
ITEM	DESCRIPTION	Q'TY	MATERIAL	TREATMENT

X.±	X.±	UNITS mm	NAME INTENDED USE 0.8mm Pitch SMT Mini Edge Card Connector	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.38	.X±	MAT'L N/A	PART NO. INTENDED USE 2EM5***-B19BL-**	
.XX± 0.25	.XX±	FINISH N/A	APPD: Davy Bu 08/02'18	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX±	Q'TY N/A	CHKD: Johnny Tang 08/02'18	TITLE: CUSTOMER DRAWING
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			DRAW: Yun Wang 08/02'18	SCALE: N/A SHEET: 1/7 REV: BX2


REV.	ECN. NO.	APPD.

NOTES: SEE SHEET 1/7



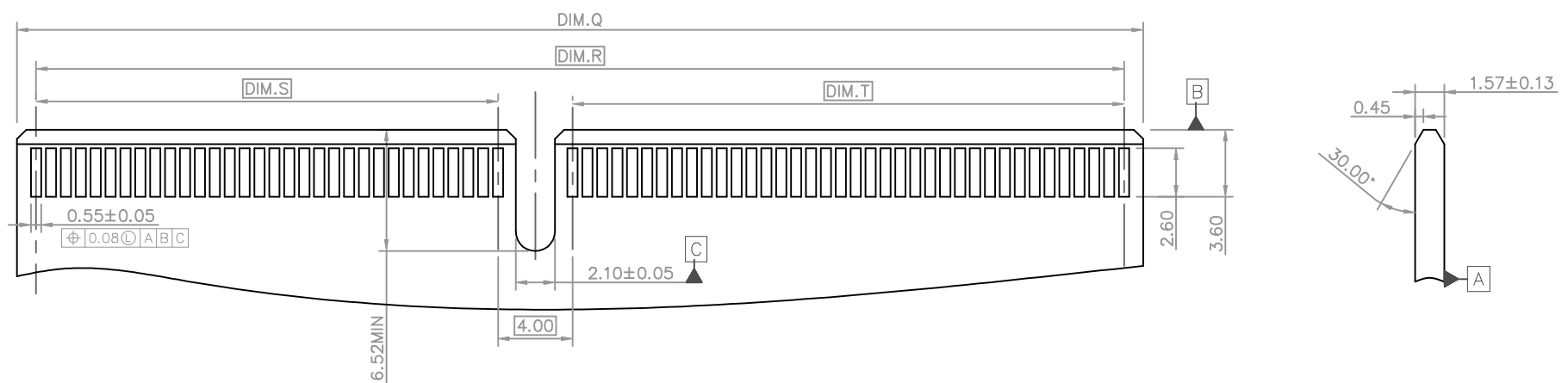
RECOMMENDED PCB LAYOUT
DIM. TOLERANCE : ± 0.05

2EM530*-B19BL-**-**	28.60	25.40	23.20	24.60	26.20	60	TO BE DEVELOPED
2EM520*-B19BL-**-**	20.60	17.40	15.20	16.60	18.20	40	
2EM510*-B19BL-**-**	12.60	9.40	7.20	8.60	10.20	20	
PART NUMBER	DIM. K	DIM. L	DIM. M	DIM. N	DIM. P	PIN N	

X.±	X.±	UNITS	mm	NAME/INTENDED USE	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.XX± 0.38	.X'±	MAT'L	N/A	0.8mm Pitch SMT Mini Edge Card Connector				
.XX± 0.25	.XX'±			PART NO./INTENDED USE	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input type="checkbox"/> GENERAL			
.XXX±	.XXX'±	FINISH	N/A	APPD: Davy Bu 08/02'18	TITLE: CUSTOMER DRAWING			
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				CHKD:	Johnny Tang 08/02'18	DWG NO.:	303-0000-3356	
				DRAW:	Yun Wang 08/02'18	SCALE	SHEET	REV.
						N/A	2/7	BOX2


REV.	ECN. NO.	APPD.

NOTES: SEE SHEET 1/7



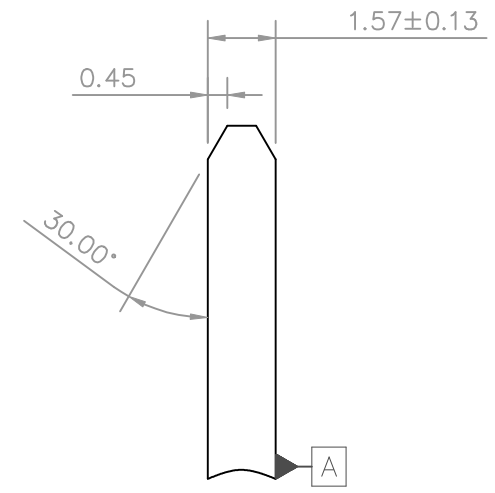
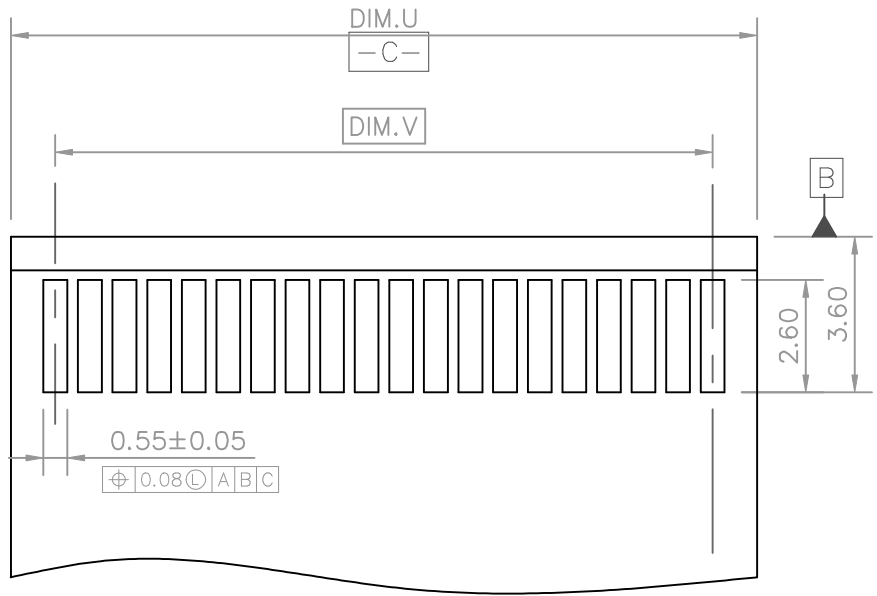
ADD-IN CARD EDGE-FINGER DIMENSIONS

2EM5A0*-B19BL-**	84.45	82.40	24.80	53.60
2EM590*-B19BL-**	76.45	74.40	24.80	45.60
2EM580*-B19BL-**	68.45	66.40	24.80	37.60
2EM570*-B19BL-**	60.45	58.40	24.80	29.60
2EM560*-B19BL-**	52.45	50.40	24.80	21.60
2EM550*-B19BL-**	44.45	42.40	20.80	17.60
2EM540*-B19BL-**	36.45	34.40	16.80	13.60
PART NUMBER	DIM. Q	DIM. R	DIM. S	DIM. T

X.±	X.±	UNITS mm	NAME INTENDED USE 0.8mm Pitch SMT Mini Edge Card Connector	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.10	.X'±	MAT'L N/A	PART NO. INTENDED USE 2EM5***-B19BL-**	
.XX± 0.05	.XX'±	FINISH N/A	APPD: Davy Bu 08/02'18	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX'±		Q'TY N/A	CHKD: Johnny Tang 08/02'18
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			 SCALE N/A SHEET 3/7 REV. BX2	


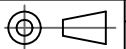
REV.	ECN. NO.	APPD.

NOTES: SEE SHEET 1/7



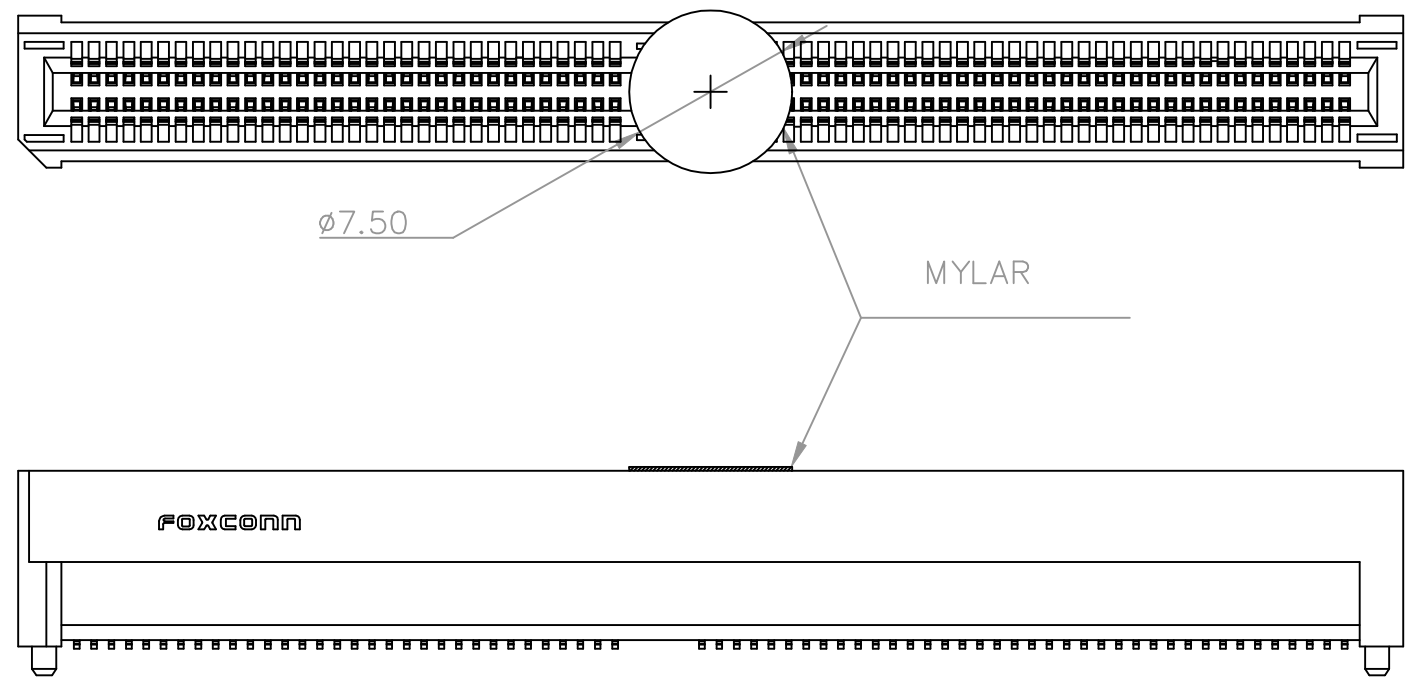
ADD-IN CARD EDGE-FINGER DIMENSIONS

2EM530*-B19BL-**	25.25	23.20
2EM520*-B19BL-**	17.25	15.20
2EM510*-B19BL-**	9.25	7.20
PART NUMBER	DIM.U	DIM.V


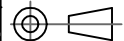
X±	X'±	UNITS mm	NAME/INTENDED USE 0.8mm Pitch Mini Edge Card Connector	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.X± 0.15	.X'±	MAT'L N/A	PART NO./INTENDED USE 2EM5***-B19BL-**				
.XX± 0.10	.XX'±	FINISH N/A	APPD: Davy Bu 08/02'18	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL			
.XXX±	.XXX'±	Q'TY N/A	CHKD: Johnny Tang 08/02'18	TITLE: CUSTOMER DRAWING			
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			 <table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>N/A</td> <td>4/7</td> <td>BX2</td> </tr> </table>		SCALE	SHEET	REV.
SCALE	SHEET	REV.					
N/A	4/7	BX2					

REV.	ECN. NO.	APPD.

NOTES: SEE SHEET 1/7

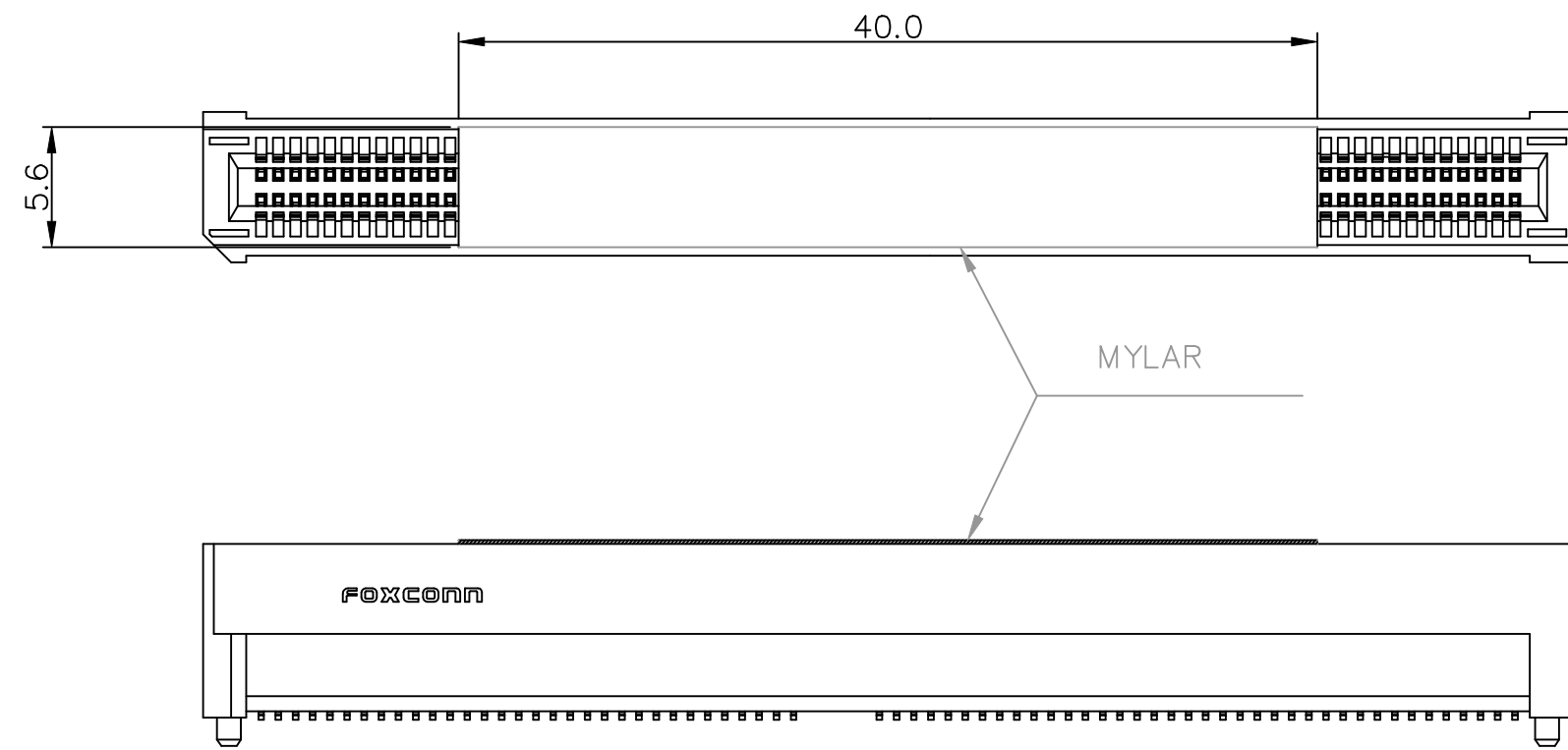


2EM570*-B19BL-**-
2EM560*-B19BL-**-
2EM550*-B19BL-**-
2EM540*-B19BL-**-
2EM530*-B19BL-**-
2EM520*-B19BL-**-
2EM510*-B19BL-**-
PART NUMBER



X.±	X.±	UNITS mm	NAME INTENDED USE 0.8mm Pitch SMT Mini Edge Card Connector	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.38	.X±	MAT'L N/A	PART NO. INTENDED USE 2EM5***-B19BL-**-	
.XX± 0.25	.XX±	FINISH N/A	APPD: Davy Bu 08/02'18	TITLE: CUSTOMER DRAWING
.XXX±	.XXX±		Q'TY N/A	CHKD: Johnny Tang 08/02'18 DRAW: Yun Wang 08/02'18
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			SCALE N/A	SHEET 5/7

REV.	ECN. NO.	APPD.

NOTES: SEE SHEET 1/7

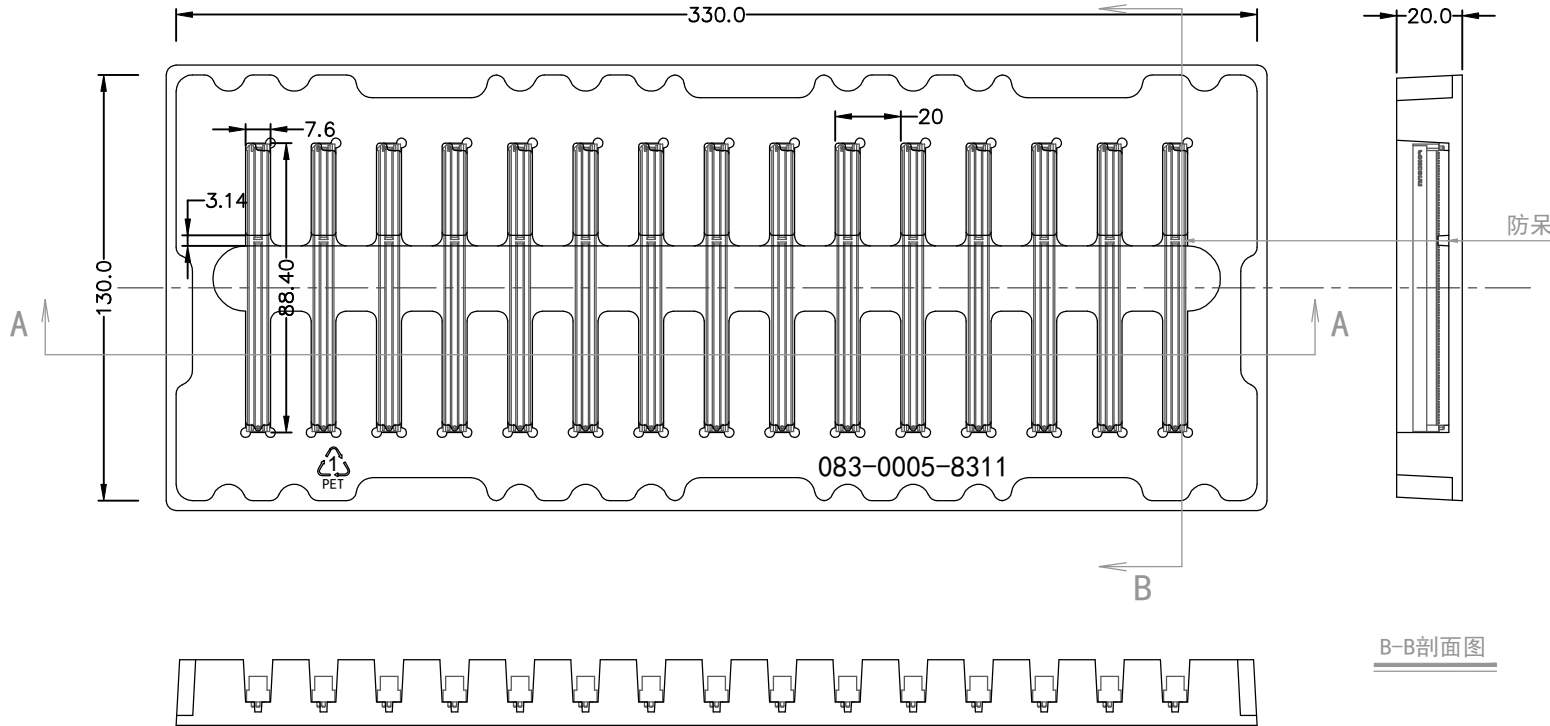


2EM5A0*-B19BL-**
2EM590*-B19BL-**
2EM580*-B19BL-**
PART NUMBER

X.±	X'.±	UNITS	mm	NAME/INTENDED USE	0.8mm Pitch SMT Mini Edge Card Connector	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.	
.X± 0.38	.X'±	MAT'L	N/A	PART NO./INTENDED USE	2EM5***-B19BL-**		
.XX± 0.25	.XX'±	FINISH	N/A	APPD:	Davy Bu 08/02'18	CLASS:	
.XXX±	.XXX'±			Q'TY	N/A	CHKD:	Johnny Tang 08/02'18
<small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.</small>				DRAW:	Yun Wang 08/02'18	TITLE:	CUSTOMER DRAWING
						SCALE	N/A

REV.	ECN. NO.	APPD.


NOTES: SEE SHEET 1/7



A-A剖面图

B-B剖面图

NOTE:
TRAY FOR 2EM5A0*-B19BL-**

X.±	X.*±	UNITS	NAME/INTENDED USE	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.38	.X*±	mm	0.8mm Pitch SMT Mini Edge Card Connector	
.XX±	.XX*±	MAT'L	PART NO./INTENDED USE	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX*±	N/A	2EM5***-B19BL-**	TITLE: CUSTOMER DRAWING
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			Q'TY	CHKD: Johnny Tang 08/02'18 DRAW: Yun Wang 08/02'18
				DWG NO.: 303-0000-3356
				SCALE: N/A
				SHEET: 7/7
				REV.: BX2

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