

RECOMMENDED PCB LAYOUT DIM±0.05

NOTES:

- MECHANICAL CHARACTERISTICS:
 - 1-1. DIMENSIONS SHALL BE INTERPETED PER ANSI Y14.5M-1994.
 - 1-2. TAIL COPLANARITY TO BE 0.10mm MAX. PCB COPLANARITY TO BE 0.03mm MAX. ON CONNECTOR AREA.
 - 1-3. DURABILITY: 1000 CYCLES.
 - 1-4. RETENTION FORCE: 0.25 KGF PER PIN
- ELECTRICAL CHARACTERISTICS:
 - 2-1. INSULATION RESISTANCE: 1000 MEGOHMS MIN. AT 500 VDC.
 - 2-2. DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC AT SEA LEVEL.
 - 2-3. LOW LEVEL CONTACT RESISTANCE (DRY CIRCUIT):
 - LLCR: Δ15 mΩ maximum
- ENVIRONMENTAL CHARACTERISTICS:
 - 3-1. OPERATING TEMPERATURE: -55°C TO 125°C.

PRUDCT 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.
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 & 200PIN
4: SOFT TRAY WITHOUT MYLAR
ONLY FOR 160 PIN & 200PIN
5: SOFT TRAY WITH MYLAR
ONLY FOR 160 PIN & 200PIN

EXTENSION CODE
TAIL LENGTH
9: SMT TAIL
EXTENSION CODE

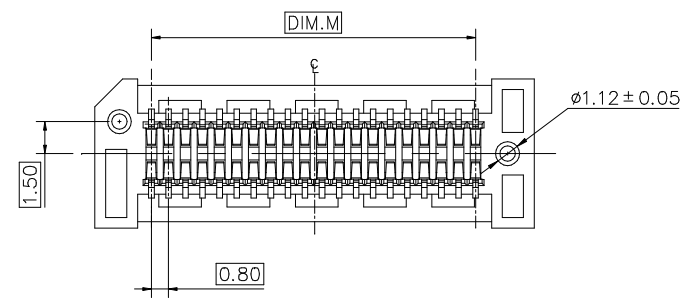
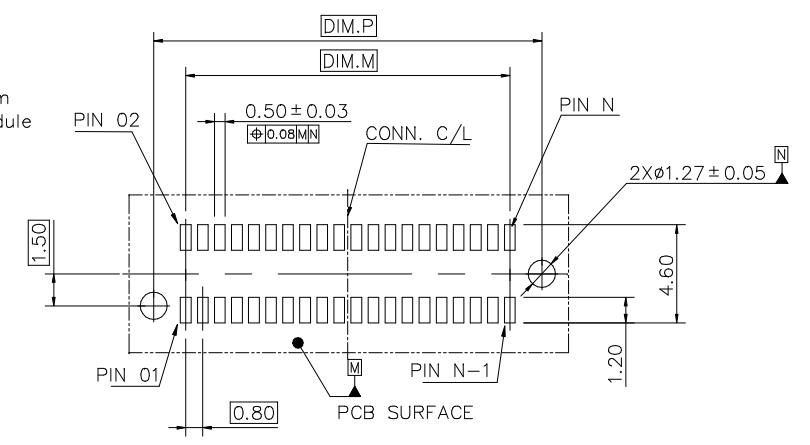
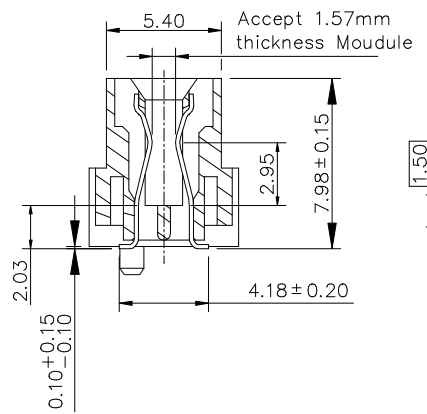
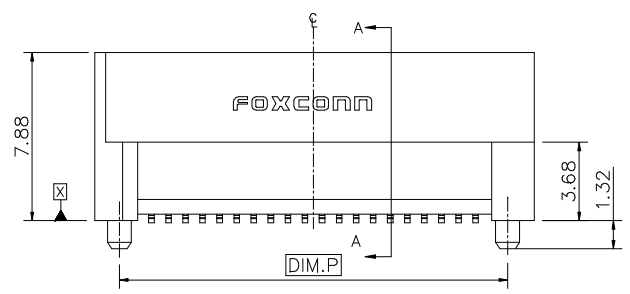
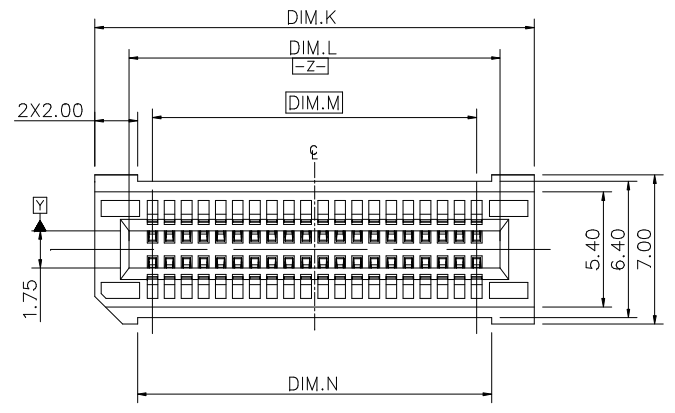
2	CONTACT	SEE P/N	COPPER ALLOY	NICKEL PLATING OVERALL THICKNESS 50u" MIN. GOLD PLATING OVER NICKEL ON THE CONTACT AREA MATTE TIN PLATING OVER NICKEL ON THE TAIL.
1	HOUSING	1	THERMOPLASTIC ,UL94V-0	MOLDED BLACK
ITEM	DESCRIPTION	Q'TY	MATERIAL	TREATMENT

2EM5A0*-B19BL-**	87.80	84.60	26.90	24.80	82.40	83.80	85.40	200	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	
PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. E	DIM. G	DIM. H	DIM. J	PIN N	

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 01/24'18	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX'±	Q'TY N/A	CHKD: Johnny Tang 01/24'18	TITLE: CUSTOMER DRAWING
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			DRAW: Leon Hu 01/24'18	

REV.	ECN. NO.	APPD.


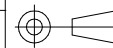
NOTES: SEE SHEET 1/6



SECTION A-A

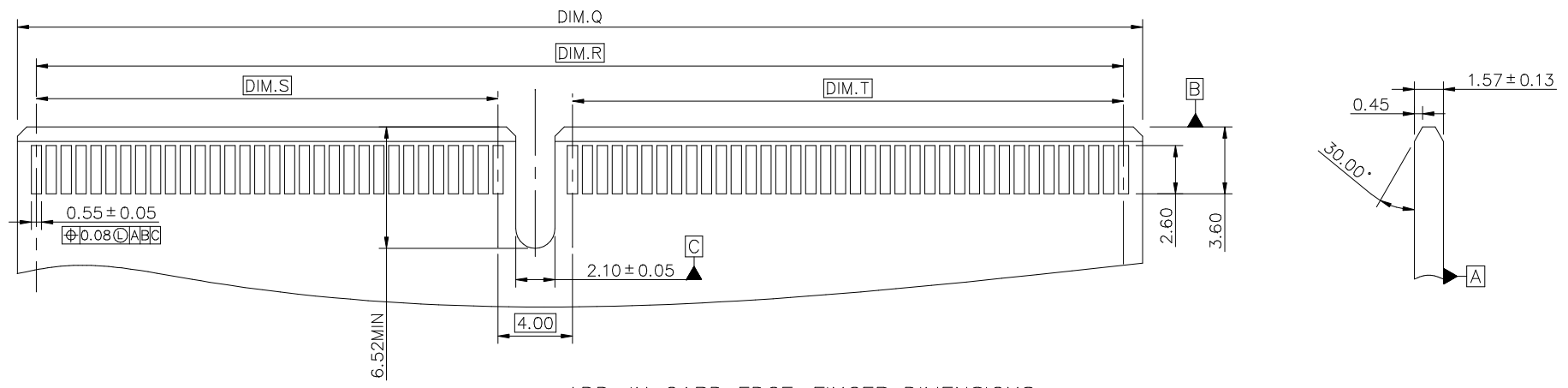
RECOMMENDED PCB LAYOUT
DIM. TOLERANCE : ± 0.05

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) 0.8mm Pitch SMT Mini Edge Card Connector	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
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			 SCALE SHEET REV. N/A 2/6 AX8	

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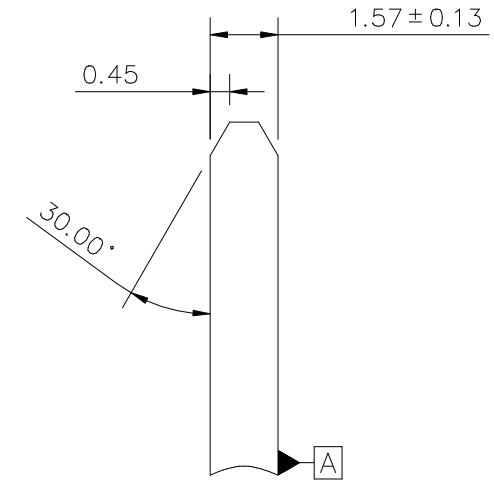
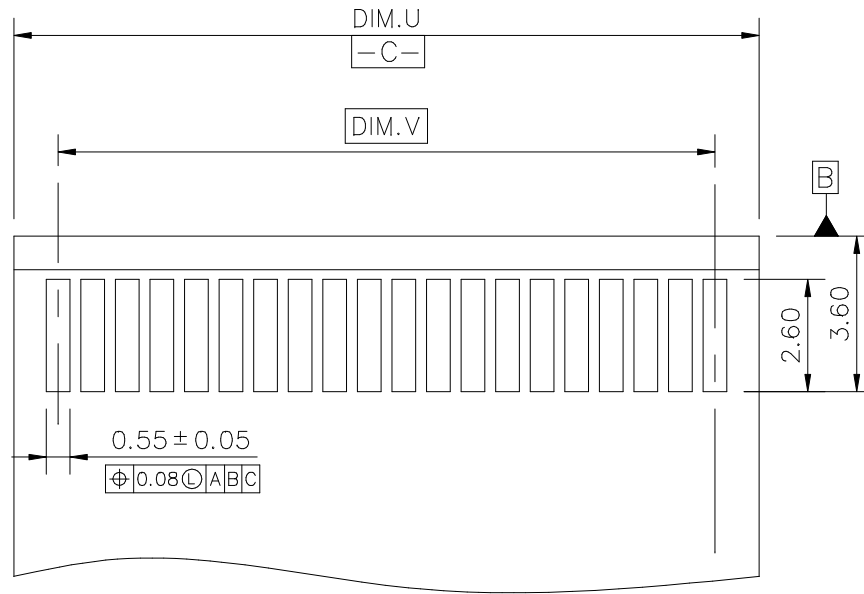


ADD-IN CARD EDGE-FINGER DIMENSIONS

X.±	X.*±	UNITS	mm	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.				
.X± 0.10	.X*±	MAT'L	N/A	PART NO.(INTENDED USE)					
.XX± 0.05	.XX*±			2EM5***-B19BL-**	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL				
.XXX±	.XXX*±	FINISH	N/A	APPD: Davy Bu 01/24'18	TITLE: CUSTOMER DRAWING				
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				Q'TY	N/A	DRAW: Leon Hu 01/24'18	SCALE	SHEET	REV.
							N/A	3/6	AX8


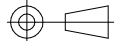
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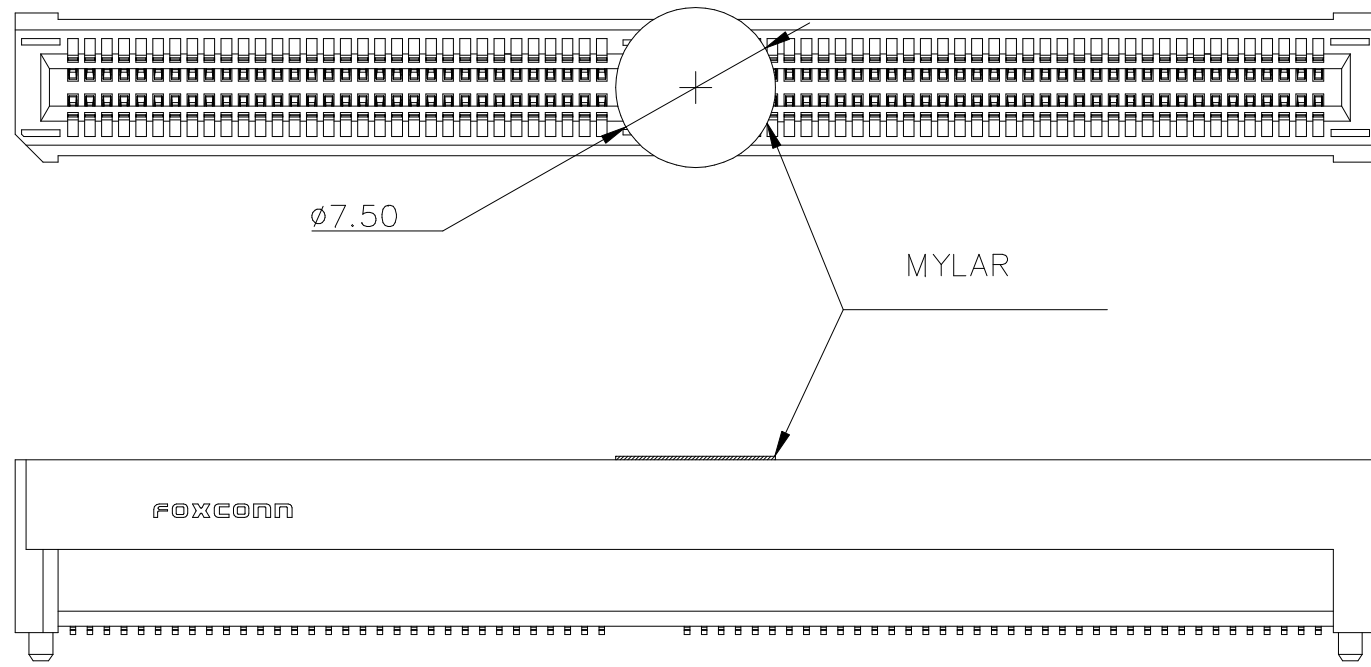
ADD-IN CARD EDGE-FINGER DIMENSIONS

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


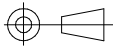
X.±	X.*±	UNITS mm	NAME(INTENDED USE) 0.8mm Pitch Mini Edge Card Connector	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X±0.15	.X*±	MAT'L N/A	PART NO.(INTENDED USE) 2EM5***-B19BL-**	
.XX±0.10	.XX*±	FINISH N/A	APPD: Davy Bu 01/24'18	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
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REV.	ECN. NO.	APPD.

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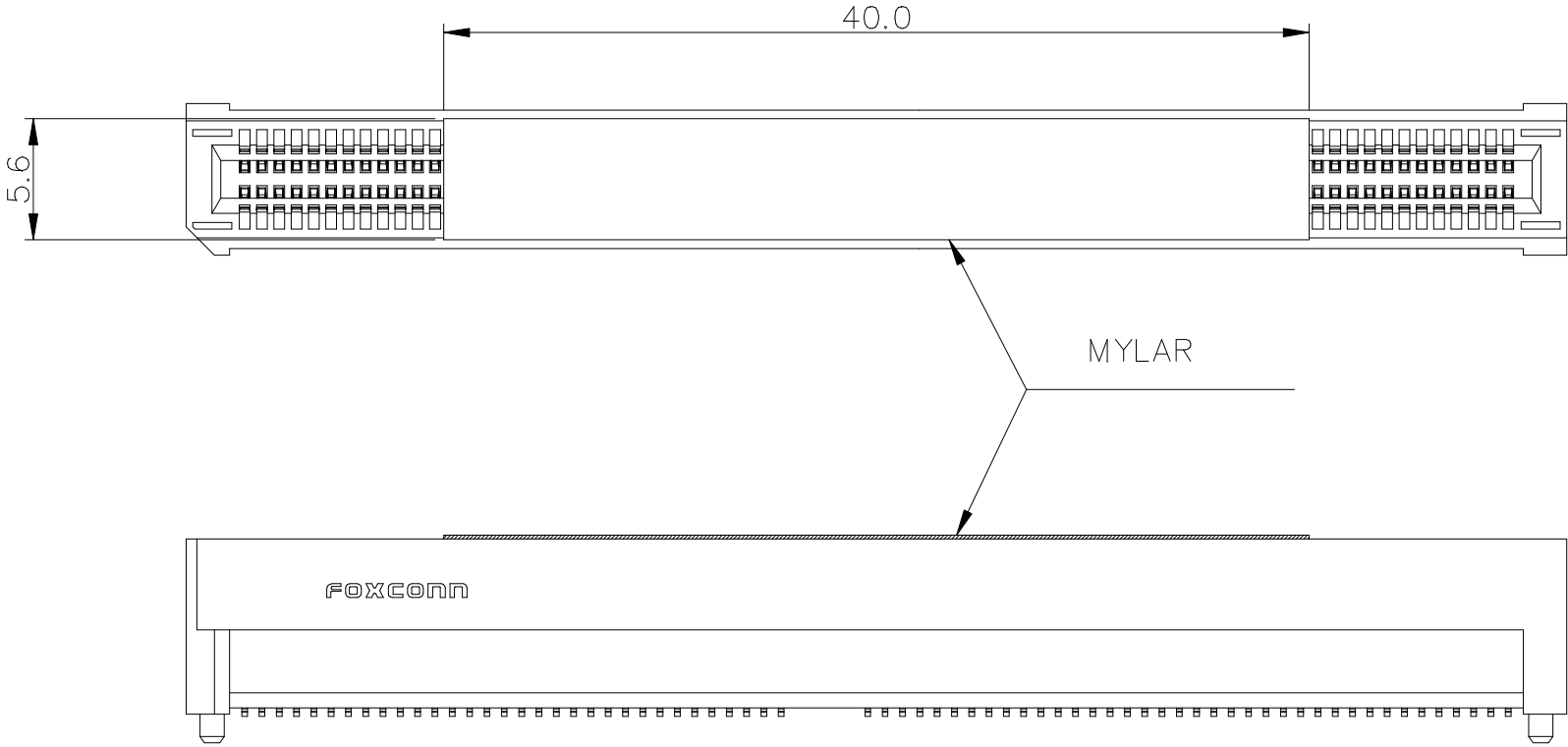


2EM570*-B19BL-**-
2EM560*-B19BL-**-
2EM550*-B19BL-**-
2EM540*-B19BL-**-
2EM530*-B19BL-**-
2EM520*-B19BL-**-
2EM510*-B19BL-**-
PART NUMBER


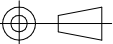
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.XX± 0.25	.XX*±	FINISH N/A	APPD: Davy Bu 01/24'18	TITLE: CUSTOMER DRAWING						
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N/A	5/6	AX8								

REV.	ECN. NO.	APPD.

NOTES: SEE SHEET 1/6



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

X.±	X.*±	UNITS mm	NAME(INTENDED USE) 0.8mm Pitch SMT Mini Edge Card Connector	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
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SCALE	SHEET	REV.					
N/A	6/6	AX8					

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