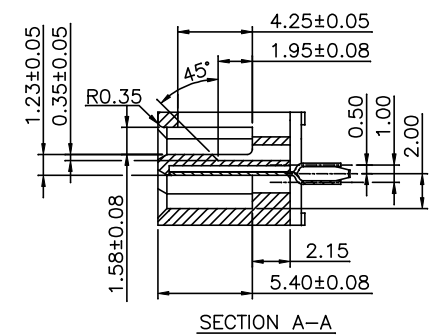
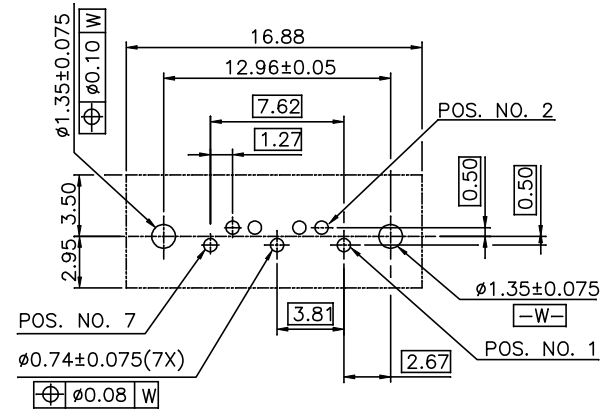
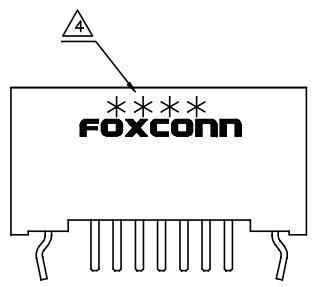
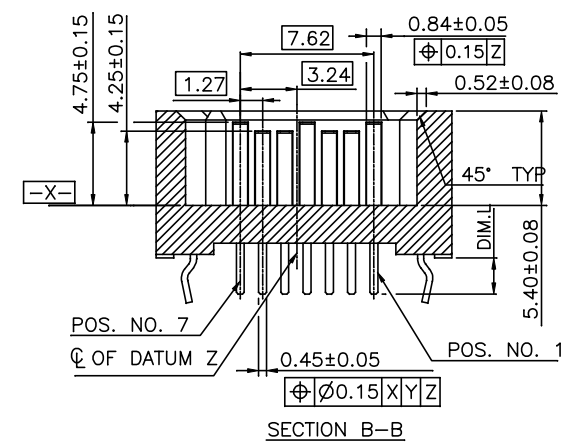
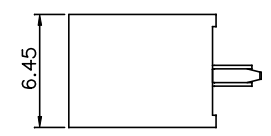
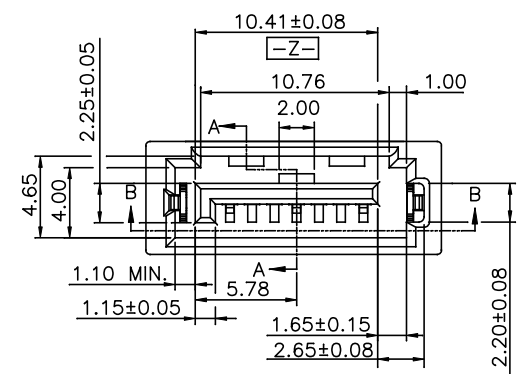
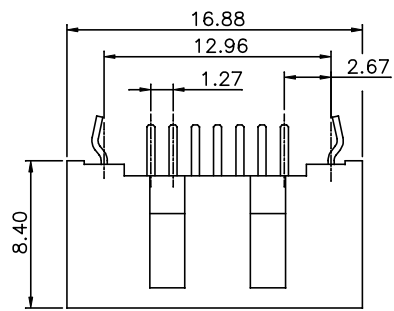
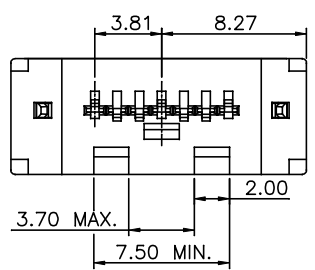


REV.	ECN. No.	APPD.
A	BC077069800	Yusan
B	BC-17-006351	Shih-wei Hsiao

- NOTES:
- DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994.
 - SPEC. OF PROD. ARE SHOWN ON DRAWING 303-0300-1995.
 - MATERIALS OF PARTS ARE SHOWN ON SHEET 303-0500-1995.
 - DATE CODE: PLEASE REFER TO FOXCONN DOC. "SQ-3B0-070".
 - PRODUCT NO. MATRIX : SEE MATERIAL SHEET 303-0500-1995.
 - HARMFUL MATERIALS CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
 - PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.



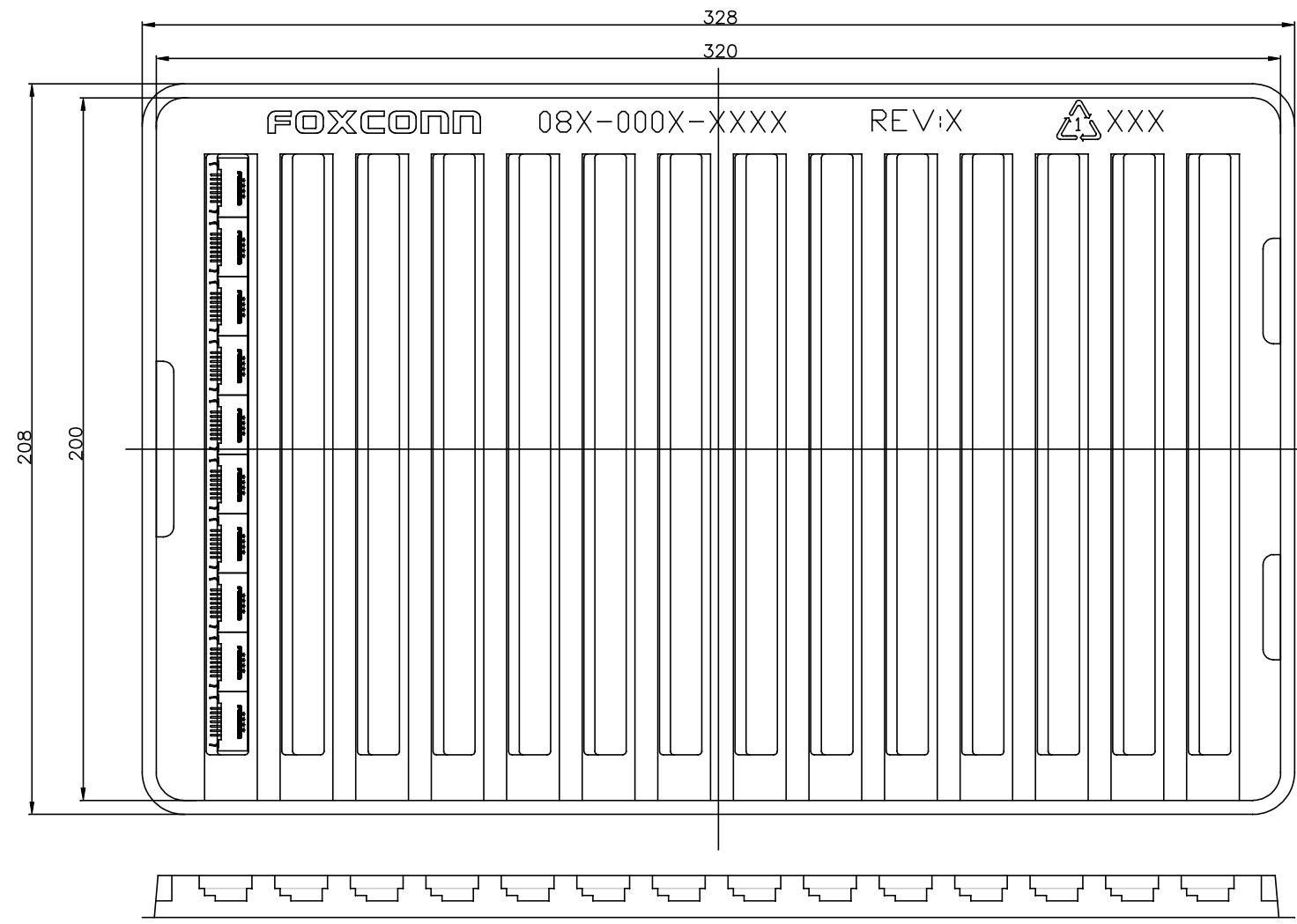
PART NO.	DIM.L
LD1807*-S54**	2.45
LD1807*-S54**C	3.25
LD1807*-S54**D	2.05



X.±	X'.± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.	
.X± 0.25	.X'±	MAT'L	SERIAL ATA		
.XX± 0.20	.XX'±	FINISH	PART NO.(INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL	
.XXX± 0.15	.XXX'±		LD1807*-S54***	TITLE: CUSTOMER DRAWING	
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.			APPD: Shih-wei Hsiao	DWG NO.: 303-0000-1995	
			Q'TY	CHKD: Yen-chih, Chang	SCALE SHEET REV. N/A 1/2 B
			DR: Meng Liu 03/31'17		

P/N LD1807*-S54***

REV.	ECN. No.	APPD.



X.±	X°.± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25	.X°±	MAT'L	SERIAL ATA	
.XX± 0.20	.XX°±	FINISH	PART NO.(INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX± 0.15	.XXX°±		LD1807*-S54***	TITLE: CUSTOMER DRAWING
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.			APPD: Shih-wei Hsiao	DWG NO.: 303-0000-1995
			CHKD: Yen-chih, Chang	
			DR: Meng Liu 03/31'17	
				SCALE SHEET REV. N/A 1/1 B

REV.	ECN. NO.	APPD.
A	BC077069802	Yusan
B	BC-17-001036	Shih-wei Hsiao

SPECIFICATIONS :

1. MATERIAL AND FINISH :

1-1. HOUSING :

THERMOPLASTIC , UL94V-0

1-2. COVER

THERMOPLASTIC , UL94V-0

1-3. CONTACT :

COPPER ALLOY, NICKEL UNDER PLATING OVER ALL, THICKNESS 50u" MIN. ,
TIN PLATING OVER NICKEL, THICKNESS 100u"MIN. ON SOLDER AREA,
GOLD PLATING OVER NICKEL ON CONTACT AREA,

1-4. BOARD LOCK :

COPPER ALLOY, NICKEL UNDER PLATING OVER ALL, THICKNESS 50u" MIN. ,
TIN PLATING OVER ALL, THICKNESS 100u"MIN. .

1-5. HARMFUL MATERIAL CONTROL PLEASE FOLLOW DOC. EPI12.

2. PERFORMANCE :

2-1. CURRENT RATING : 1.5 Amps MAX. PER PIN.

2-2. OPERATING TEMPERATURE : -55° C TO +105° C.

3. ELECTRICAL :

3-1. LOW LEVEL CONTACT RESISTANCE(DRY CIRCUIT) : 30 MILLIOHMS MAX. INITIAL.

3-2. DIELECTRIC WITHSTANDING VOLTAGE : 500 VAC. AT SEA LEVEL.

3-3. INSULATION RESISTANCE : 1000 MEGAOHMS MIN. INITIAL.

4. MECHANICAL :

4-1. INSERTION FORCE: EIA-364-13, 45N MAX. .

4-2. REMOVAL FORCE: EIA-364-13, 10N MIN. .

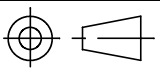
4-3. DURABILITY: 50 CYCLES

5. ENVIRONMENTAL :

5-1. PHYSICAL SHOCK: PASS EIA-364-27, CONDITION H.

5-2. VIBRATION: PASS EIA-364-28, CONDITION V TEST LETTER A.

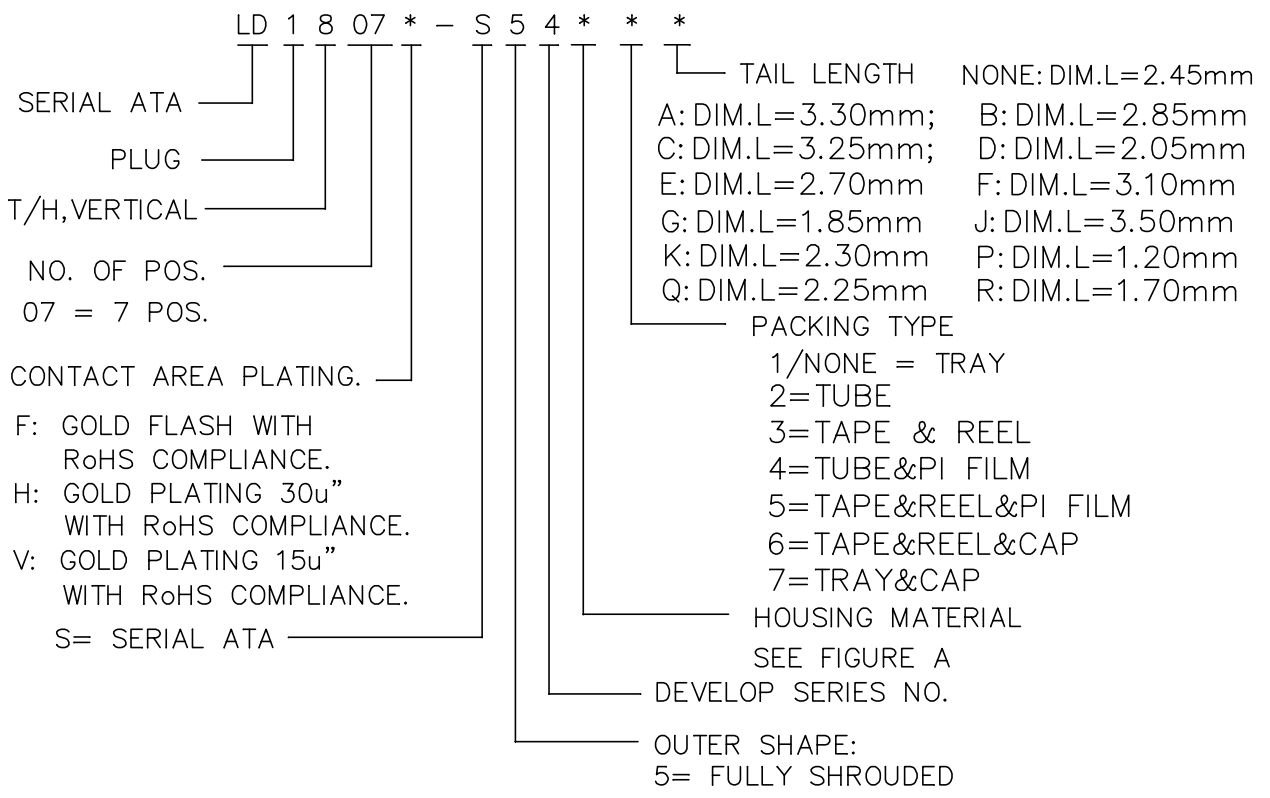
5-3. HUMIDITY: PASS EIA-364-31, METHOD II TEST CONDITION A.

X.±	X.* ±	UNITS mm	NAME(INTENDED USE) SATA	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.X±	.X* ±	MAT'L	PART NO.(INTENDED USE) LD1807*-S54***	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input type="checkbox"/> GENERAL			
.XX±	.XX* ±			TITLE: SPECIFICATION, 7 POS.			
.XXX±	.XXX* ±	FINISH	APPD: Shih-wei Hsiao	DWG NO.: 303-0300-1995			
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			DRAW: Meng Liu 03/31'17		N/A	1/1	B

				REV.	ECN. NO.	APPD.
				A	BC077069801	Yusan
				B	BC077077334	Yusan
				C	BC087030023	Jake W.Y
				D	BC110086902	Yihsin Chen
				E	BC-17-001062	Shih-wei Hsiao

ITEM	DESC.	Q'TY	MATERIAL	TREATMENT	REMARK
1	HOUSING	1	THERMOPLASTIC UL 94V-0		
2	CONTACT	SEE NOTE BELOW	COPPER ALLOY	A) NICKEL UNDER PLATING OVER ALL THICKNESS : 50 u" MIN. . B) TIN PLATING OVER NICKEL THICKNESS : 100 u" MIN. . ON SOLDER AREA. C) GOLD PLATING OVER NICKEL ON CONTACT AREA(SEE NOTES BELOW).	
3	BOARD LOCK	2	COPPER ALLOY	A) NICKEL PLATING OVER ALL THICKNESS : 50 u" MIN. . B) TIN PLATING OVER NICKEL. THICKNESS : 100 u" MIN. .	

NOTE : 1.HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
2.PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT
DETAOLS & AVAILABILITY.
3.PRODUCT NO. MATRIX:



X.±	X.* ±	UNITS mm	NAME(INTENDED USE) SATA	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
.X±	.X* ±	MAT'L	PART NO.(INTENDED USE) LD1807*-S54***	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input type="checkbox"/> GENERAL		
.XX±	.XX* ±	FINISH	APPD: Shih-wei Hsiao	TITLE: MATERIAL SHEET		
.XXX±	.XXX* ±	Q'TY	CHKD: Yen-chih.Chang	DWG NO.: 303-0500-1995		
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED. AND SHALL NOTBE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			DRAW: Meng Liu 03/31'17		SCALE N/A	SHEET 1/2
					REV. E	

REV.	ECN. NO.	APPD.

FIGURE A

- | | |
|---|--|
| 1 = PA66, COLOR BEIGE | J = PBT, COLOR ORANGE |
| 2 = PA66, COLOR YELLOW | K = HIGH TEMPERATURE NYLON,
COLOR WHITE |
| 3 = PA66, COLOR GRAY | L/NONE = LCP, COLOR BLACK |
| 4 = PA66, COLOR DARK BLUE | M = PA66, COLOR CHARCOAL |
| 5 = PA66, COLOR RED | N = PA66, COLOR LIGHT BLUE |
| 6 = PA66, COLOR ORANGE | P = PBT, COLOR BALCK |
| 7 = PA66, COLOR ORANGE | Q = PA66, COLOR ORANGE |
| 8 = PA66, COLOR LIGHT GRAY | R = HIGH TEMPERATURE NYLON,
COLOR RED |
| 9 = PA9T, COLOR BALCK | S = PA66, COLOR ORANGE |
| A = PA66, COLOR BLACK | T = HIGH TEMPERATURE NYLON,
COLOR BLACK |
| B = PBT, COLOR BLUE | U = HIGH TEMPERATURE NYLON,
COLOR BLUE |
| C = PA66, COLOR WHITE | V = HIGH TEMPERATURE NYLON,
COLOR BLACK |
| D = HIGH TEMPERATURE NYLON,
COLOR IVORY | W = PBT, COLOR WHITE |
| E = HIGH TEMPERATURE NYLON,
COLOR BLUE | Y = PA66, COLOR BEIGE |
| F = LCP, COLOR WHITE | Z = PA66, COLOR BLUE |
| G = PA66, COLOR LIGHT BLUE | |
| H = HIGH TEMPERATURE NYLON,
COLOR YELLOW | |

4. THE CONCENTRATIONS OF BR&CL CAN SATISY THE REQUIREMENTS OF HALOGEN FREE IN DOCUMENT "EPI12".

X.±	X.* ±	UNITS mm	NAME(INTENDED USE) SATA	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.X±	.X* ±	MAT'L	PART NO.(INTENDED USE) LD1807*-S54***	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input type="checkbox"/> GENERAL			
.XX±	.XX* ±			TITLE: MATERIAL SHEET			
.XXX±	.XXX* ±	FINISH	APPD: Shih-wei Hsiao	DWG NO.: 303-0500-1995			
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED. AND SHALL NOTBE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		Q'TY	CHKD: Yen-chih.Chang		SCALE	SHEET	REV.
			DRAW: Meng Liu 03/31'17		N/A	2/2	E