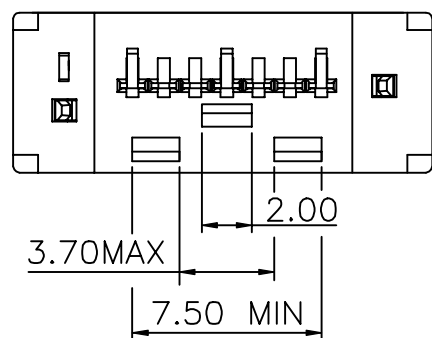
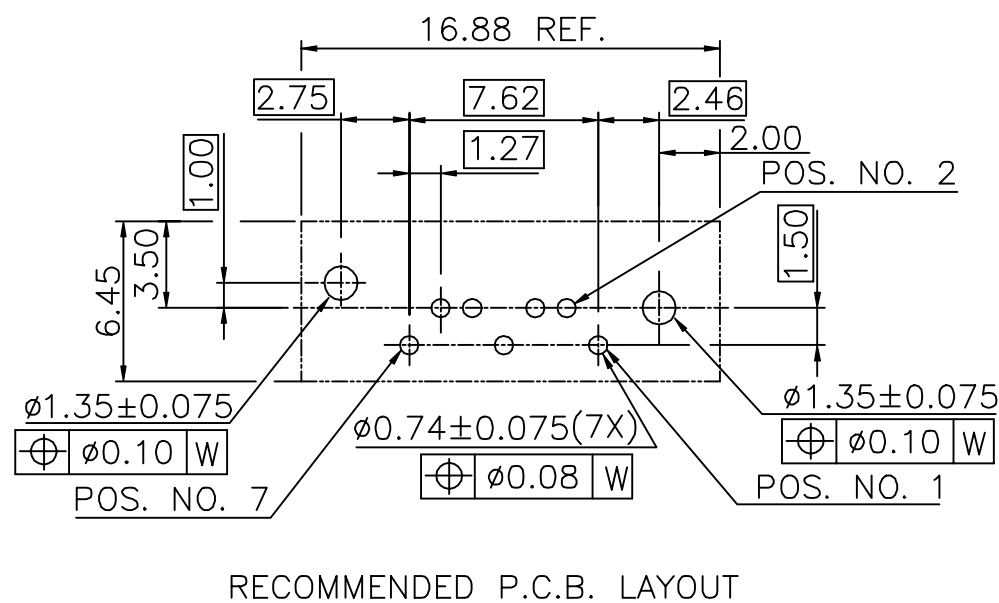
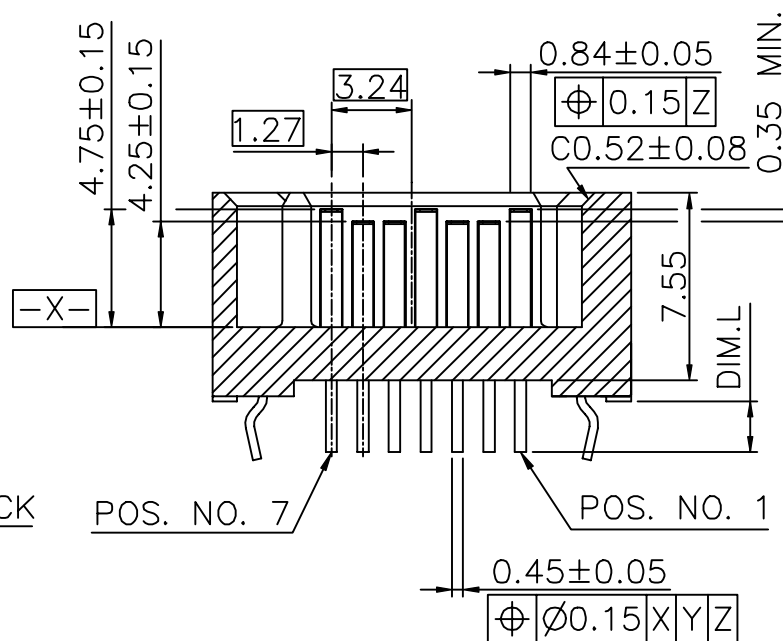
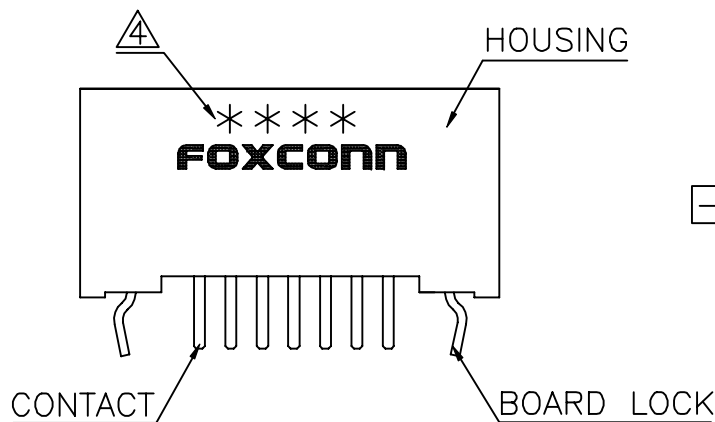
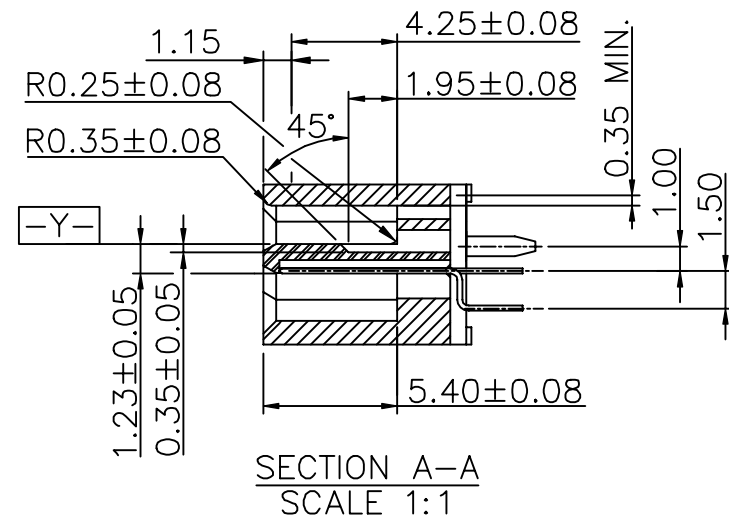
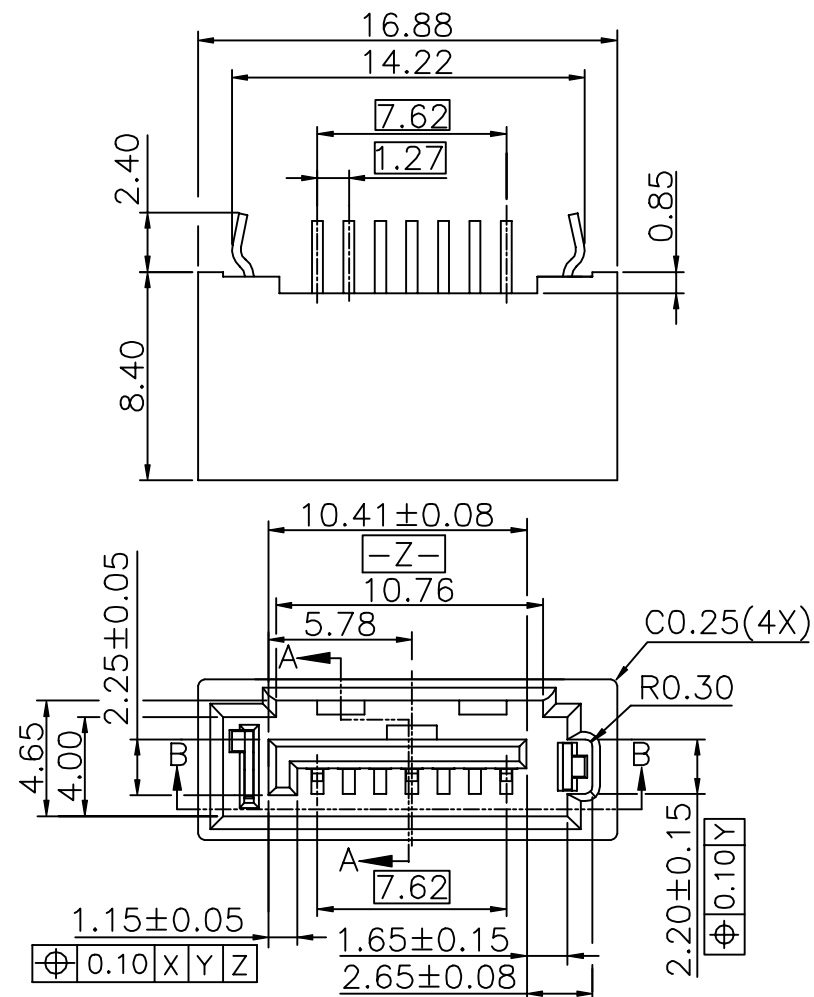


REV.	ECN. NO.	APPD.
A	HC0412084	Ady Zhou 1/15'05
B	HC052132	Ady Zhou 3/21'05
C	HC053222	Ady Zhou 4/14'05
D	HC055415	Yusan 6/29'05
E	HC063424	Ady Zhou 4/6'06
F	HC065863	Yusan 6/20'06

NOTES:

1. DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
 2. SPEC. OF PROD. ARE SHOWN ON DRAWING 303-0300-1206.
 3. MATERIALS OF PARTS ARE SHOWN ON DRAWING 303-0500-1206.
 4. DATE CODE : "****" REFER TO FOXCONN'S DOC. "EB2-YY00-039".
 5. HARMFUL MATERIALS CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
 6. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.
- ⚠ PRODUCT NO. MATRIX : SEE 303-0500-1206 ⑥



X.±	X.± 1°	UNITS	NAME(INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.X± 0.30	.X°±	mm	SERIAL ATA	
.XX± 0.25	.XX°±	MAT'L	PART NO.(INTENDED USE)	TITLE: CUSTOMER DRAWING
.XXX± 0.20	.XXX°±	FINISH	LD1807*-S5****	VERTICAL, T/H, HOST PLUG, SATA
<small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.</small>			APPD: Yusan 6/20'06	DWG NO.:
			CHKD: Steven Huang 6/20'06	303-0000-1206
			DR: Weison Lu 6/09'06	SCALE SHEET REV.
				3:1 1/2 F

P/N LD1807*-S55****

ITEM	DESC.	Q'TY	MATERIAL	TREATMENT	REMARK
1	HOUSING	1	THERMOPLASTIC, UL 94V-0	MOLDED COLOR SEE NOTE.	
2	CONTACT	7	COPPER ALLOY	A) NICKEL PLATING OVER ALL THICKNESS : 50u" MIN. B) TIN PLATING OVER NICKEL THICKNESS : 100u" MIN. ON SOLDER AREA. C) GOLD PLATING OVER NICKEL ON CONTACT AREA.	
3	BOARD LOCK	2	COPPER ALLOY	A) NICKEL PLATING OVER ALL THICKNESS : 50u" MIN. B) TIN PLATING OVER NICKEL. THICKNESS : 100u" MIN.	

NOTE :

1. HARMFUL MATERIALS CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".

2. PRODUCT NO. MATRIX :

LD18 0 7 * - S 5 5 * * *

CONTACT AREA PLATING

F = GOLD FLASH WITH
RoHS COMPLIANCE
H = GOLD PLATING 30u" MIN. WITH
RoHS COMPLIANCE
V = GOLD PLATING 15u" MIN. WITH
RoHS COMPLIANCE

TAIL LENGTH

NONE : DIM.L = 2.45mm
B : DIM.L = 2.85mm
C : DIM.L = 3.25mm
D : DIM.L = 2.05mm

PACKING TYPE
1/NONE = TRAY

HOUSING MATERIAL

P = BLACK PBT
K = BLUE PBT (293C)
C = LIGHT BLUE PBT (284C)
W = WHITE PBT (DE3806)
J = ORANGE PBT (157C)
Z = BLUE PA66 (293C)
Y = BEIGE PA66 (7506U)
N = LIGHT BLUE PA66 (284C)
S = ORANGE PA66 (157C)
A = BLACK PA66
5 = RED PA66 (186C)
G = NATURE PA66
Q = ORANGE PA66 (1235C)
1 = BEIGE PA66 (1205C)
3 = GRAY PA66 (422U)

F	BC077026198	Yusan
E	BC077014998	Yusan
D	HC066922	Yusan 6/19'06
C	HC064578	Jake.W.Y 4/18'06
B	HC052137	Ady Zhou 3/21'05
A	HC0412086	Ady Zhou 1/12'05
REV.	ECN NO.	APPD.

FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.	
APPD. : Yusan	TITLE : MATERIAL DRAWING VERTICAL T/H, HOST PLUG, SATA
CHKD. : Steven Huang	PROD. SERIES :LD1807*-S55**
DR. : Ben.Luo 5/29'07	DWG. NO : 303-0500-1206
	REV. : F SHEET : 1/1

SPECIFICATIONS :

1. MATERIAL AND FINISH :

1-1. HOUSING :

THERMOPLASTIC , UL94V-0.

1-2. CONTACT :

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

1-3. BOARD LOCK :

COPPER ALLOY, NICKEL PLATING OVER ALL, THICKNESS 50u" MIN.,
TIN OR TIN/LEAD PLATING OVER ALL, THICKNESS 100u"MIN..

1-4. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".

2. PERFORMANCE :

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

2-2. OPERATING TEMPERATURE : -55°C TO +85°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

4-4. CONTACT RETENTION FORCE: 3N MIN.PER PIN.

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.

FOXCONN

HON HAI PRECISION IND. CO.,LTD.
TAIPEI, TAIWAN, R.O.C.

APPD. :
Ady Zhou 1/3'05

CHKD. :
Jim Guo 12/27'04

DR. :
Alex Kee 11/6'04

TITLE : SPECIFICATION, 7 POS.
VERTICAL T/H, HOST PLUG, SATA

PROD. SERIES: LD1807*-S55*** SERIES

DWG. NO : 303-0300-1206

REV. : A SHEET : 1/1

A	HC0412085	Ady Zhou 1/3'05
REV.	ECN NO	APPD.