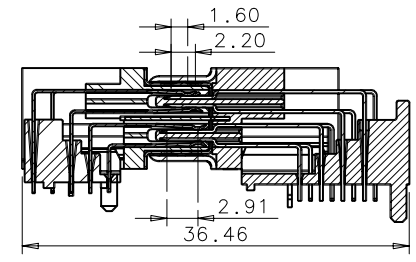
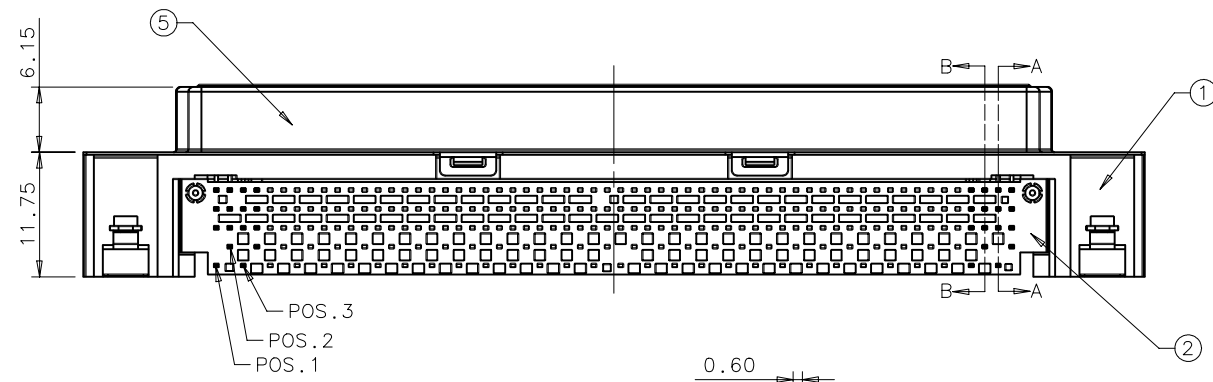
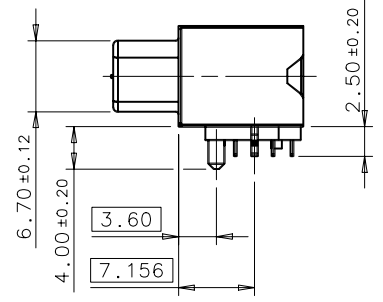
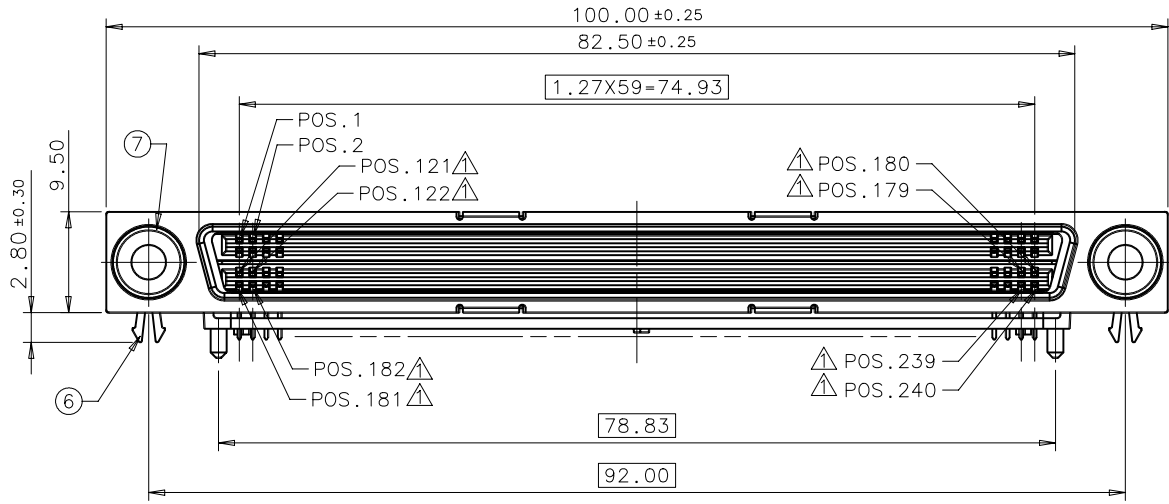
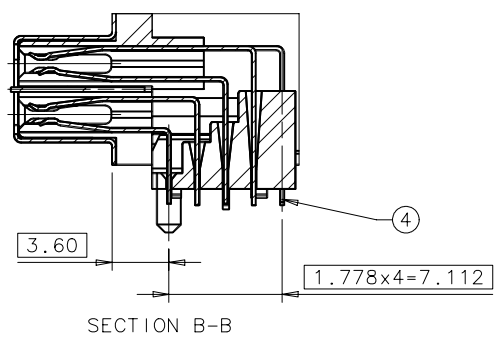
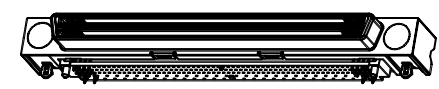


IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.

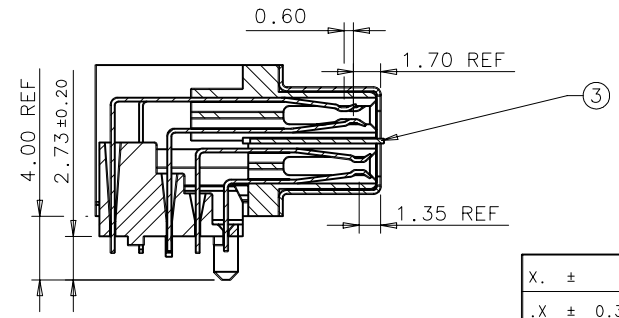
REV.	ECN. NO.	APPD.
A	HC-98-3180	K.T.Wu
B	HC-05-3742	Paul Huang



MATED VIEW



SECTION B-B



SECTION A-A

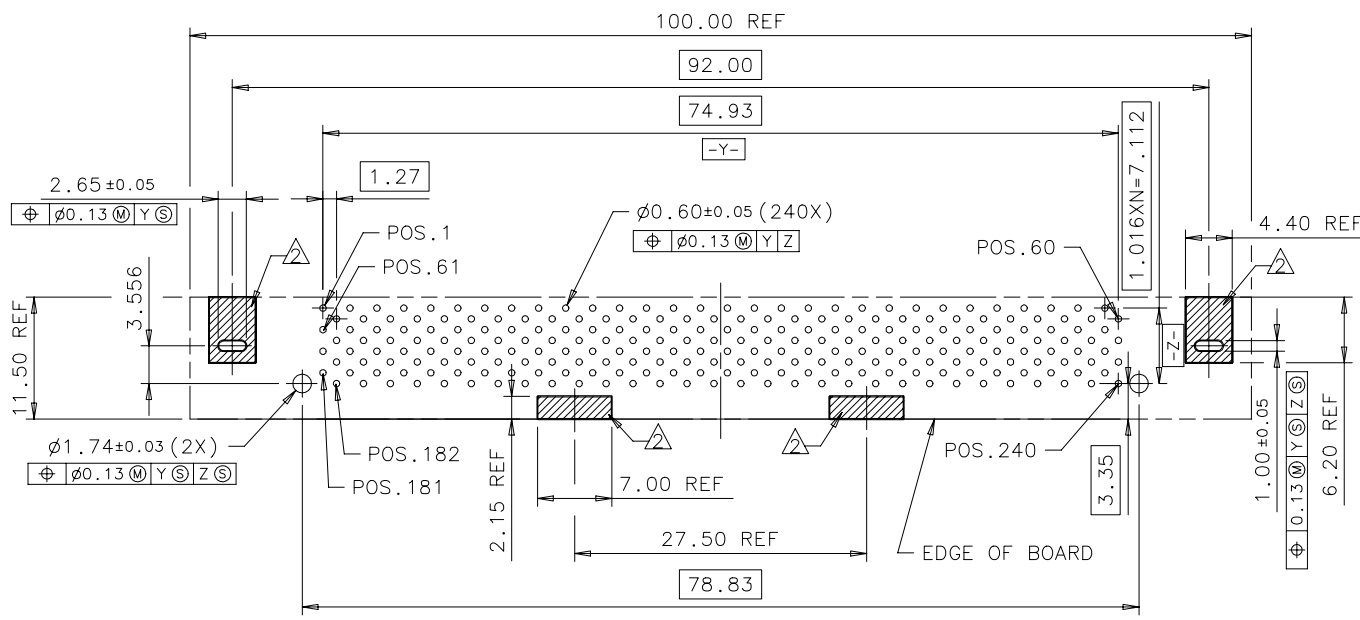
NOTES:
 ▲ FIRST IN LAST OUT PIN NO.: POS. 121, 122, 179, 180, 181, 182, 239, 240.

X. ±	X*. ±	UNITS	mm	NAME (INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.X ± 0.30	.X* ±	MAT'L		DOCKING 1.27PITCH 240POS REC. CONNECTOR	
.XX ± 0.25	.XX* ±	FINISH		PART NO. (INTENDED USE)	TITLE:
.XXX±	.XXX*±	Q'TY		QL 11603-B201(-4F)	CUSTOMER DRAWING
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.				APPD: Paul Huang 4/20'05	DWG NO.: 353-0000-007
				CHKD: Y.H. Mao 4/20'05	
				DR: Xue-qing Zhang 4/20'05	
					SCALE SHEET
					REV. B

QL11603-B201	QL11603-B201-4F
P/N	LEAD FREE P/N

IDEAS GENERATED DRAWING, DON'T CHANGE BY HAND.

REV.	ECN. NO.	APPD.
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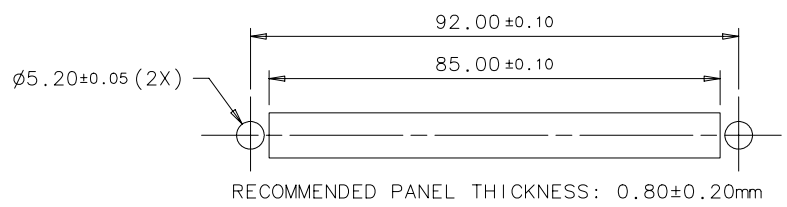


PRODUCT NO. : QL 1 1 6 0 3 - B 2 0 1 - (4 F)

- QL=DOCKING CONN.
- 1=RIGHT ANGLE
- 1=REC. CONN.
- 60=240 POS
- 3=30 μ " GOLD (CONTACT PLATING)
- B=1.27mm PITCH
- 2=PARALLEL 4 ROWS
- 01=EXTENDED CODE
- PACKAGE MODE
- BLANK=SOFT TRAY
- 4F=SOFT TRAY & LEAD FREE

RECOMMENDED P.C.B LAYOUT COMPONENT SIDE

RECOMMENDED P.C.B, THICKNESS: 1.60±0.20mm FOR QL11603-B201(-4F)
 RECOMMENDED P.C.B, THICKNESS: 2.20±0.20mm FOR QL11603-B202(-4F)



- NOTES:
1. PERFORMANCE:
 - 1-1. ELECTRICAL CHARACTERISTICS:
 - 1-1-1. CONTACT CURRENT RATING: 0.8 AMPERE MAX.
 - 1-1-2. CONTACT RESISTANCE: 75mOHMS MAX INITIAL. ΔR 25mOHMS MAX.
 - 1-1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC RMS.
 - 1-1-4. INSULATION RESISTANCE: 100MOHMS MIN.
 - 1-1-5. OPERATING VOLTAGE: 125V AC RMS MAX.
 - 1-2. MECHANICAL CHARACTERISTICS:
 - 1-2-1. CONNECTOR MATING FORCE: 6.80KgF MAX INITIAL.
 - 1-2-2. CONNECTOR UNMATING FORCES: 2.00KgF ~ 5.00KgF.
 - 1-2-3. OPERATING TEMPERATURE: -55°C TO +85°C. [INCLUDING TERMINAL TEMPERATURE RISE].
 - 1-2-4. DURABILITY: 5000 CYCLES.
- △ TRACK KEEP OUT ZONE.

ITEM	DESC.	Q'TY	MATERIAL	TREATMENT	REMARK																																															
7	NUT	2	BRASS	TIN PLATING OVER NICKEL UNDERPLATING																																																
6	BOARD LOCK	2	PHOSPHOR BRONZE	TIN PLATING OVER NICKEL UNDERPLATING																																																
5	SHELL	1	CARBON STEEL	NICKEL PLATING																																																
4	CONTACT	240	PHOSPHOR BRONZE	NICKEL UNDERPLATING TIN/LEAD PLATING AT SOLDERING AREA FOR QL11603-B20* TIN PLATING AT SOLDERING AREA FOR QL11603-B20*-4F GOLD PLATING AT CONTACT AREA																																																
3	BLADE	1	STAINLESS STEEL	ULTRASONIC CLEANING																																																
2	SPACER	1	L.C.P UL94V-0	MOLDED COLOR:NATURAL																																																
1	HOUSING	1	L.C.P UL94V-0	MOLDED COLOR:NATURAL																																																
<table border="1"> <thead> <tr> <th>UNIT</th> <th>DESC.</th> <th>Q'TY</th> <th>MATERIAL</th> <th>TREATMENT</th> <th>REMARK</th> </tr> </thead> <tbody> <tr> <td>X.</td> <td>±</td> <td>X*</td> <td>±</td> <td>UNITS mm</td> <td>NAME (INTENDED USE) DOCKING 1.27PITCH 240POS REC. CONNECTOR</td> </tr> <tr> <td>.X</td> <td>± 0.30</td> <td>.X*</td> <td>±</td> <td>MAT'L</td> <td>FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.</td> </tr> <tr> <td>.XX</td> <td>± 0.25</td> <td>.XX*</td> <td>±</td> <td rowspan="2">FINISH</td> <td>PART NO. (INTENDED USE) QL 11603-B201(-4F)</td> </tr> <tr> <td>.XXX±</td> <td></td> <td>.XXX*±</td> <td></td> <td>TITLE: CUSTOMER DRAWING</td> </tr> <tr> <td colspan="4"></td> <td>APPD: Paul Huang 4/20'05</td> <td>DWG NO.: 353-0000-007</td> </tr> <tr> <td colspan="4"></td> <td>CHKD: Y.H. Mao 4/20'05</td> <td></td> </tr> <tr> <td colspan="4"></td> <td>DR: Xue-qing Zhang 4/20'05</td> <td></td> </tr> </tbody> </table>					UNIT	DESC.	Q'TY	MATERIAL	TREATMENT	REMARK	X.	±	X*	±	UNITS mm	NAME (INTENDED USE) DOCKING 1.27PITCH 240POS REC. CONNECTOR	.X	± 0.30	.X*	±	MAT'L	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.	.XX	± 0.25	.XX*	±	FINISH	PART NO. (INTENDED USE) QL 11603-B201(-4F)	.XXX±		.XXX*±		TITLE: CUSTOMER DRAWING					APPD: Paul Huang 4/20'05	DWG NO.: 353-0000-007					CHKD: Y.H. Mao 4/20'05						DR: Xue-qing Zhang 4/20'05		
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SCALE	SHEET	REV.
N/A	2/2	B