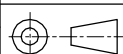


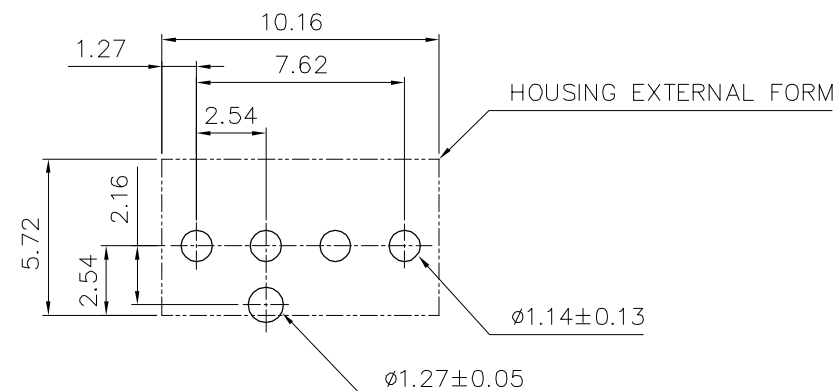
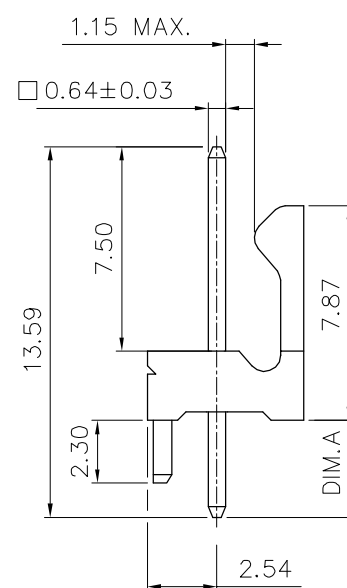
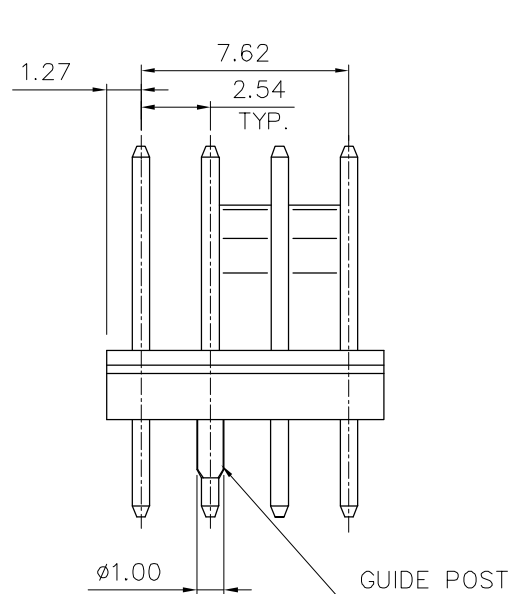
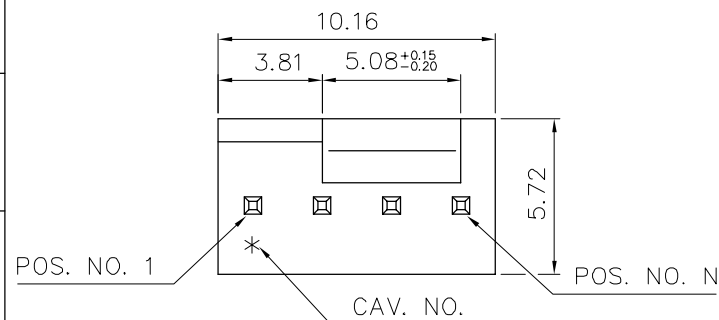
|      |             |                  |
|------|-------------|------------------|
| REV. | ECN. NO.    | APPD.            |
| A    | BC06740893  | Yusan<br>7/31'06 |
| B    | BC087030694 | Jake W.Yuan      |

NOTES:

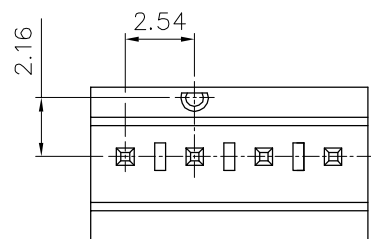
1. DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994.
2. SPECIFICATIONS ARE SHOWN ON DRAWING "307-0300-1020".
3. MATERIALS OF PARTS ARE SHOWN ON DRAWING "307-0500-1020".
4.  PRODUCT NO. MATRIX: SEE DRAWING "307-0500-1020".
5. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
6. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL & AVAILABILITY.

|                                                                                                                                                                                                                                                                                 |         |        |    |                                                                                       |                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|----|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| X.±                                                                                                                                                                                                                                                                             | X°.±    | UNITS  | mm | NAME(INTENDED USE)                                                                    | <b>FOXCONN</b><br>HON HAI PRECISION IND. CO.,LTD.<br>TAIPEI, TAIWAN, R.O.C. |
| .X±                                                                                                                                                                                                                                                                             | .X°.±   | MAT'L  |    | FRICTION HEADER                                                                       |                                                                             |
| .XX± 0.13                                                                                                                                                                                                                                                                       | .XX°.±  |        |    | PART NO.(INTENDED USE)                                                                | TITLE: CUSTOMER DRAWING                                                     |
| .XXX±                                                                                                                                                                                                                                                                           | .XXX°.± | FINISH |    | HF2704*-**                                                                            | T/H, VERTICAL, 2.54mm PITCH                                                 |
| <div style="font-size: 0.8em; text-align: center;">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.</div> |         |        |    | APPD: Jake W.Yuan                                                                     | DWG NO.: 307-0000-1020                                                      |
|                                                                                                                                                                                                                                                                                 |         |        |    | CHKD: D.J.Chen                                                                        |                                                                             |
|                                                                                                                                                                                                                                                                                 |         |        |    | DR: Tim Zeng 8/8'08                                                                   |                                                                             |
|                                                                                                                                                                                                                                                                                 |         |        |    |                                                                                       |                                                                             |
|                                                                                                                                                                                                                                                                                 |         |        |    |  | SCALE SHEET REV.                                                            |
|                                                                                                                                                                                                                                                                                 |         |        |    |                                                                                       | N/A 1/1 BX1                                                                 |

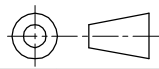
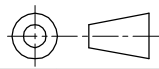
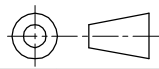
1. DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994.
2. SPECIFICATIONS ARE SHOWN ON DRAWING "307-0300-1020".
3. MATERIALS OF PARTS ARE SHOWN ON DRAWING "307-0500-1020".
4.  PRODUCT NO. MATRIX: SEE DRAWING "307-0500-1020".
5. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
6. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL & AVAILABILITY.



### RECOMMENDED P.C.B. LAYOUT



|                                                                                                                                                                                                                        |                 |        |       |                        |                                                                                       |       |       |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------|-------|------------------------|---------------------------------------------------------------------------------------|-------|-------|------|
| X.±                                                                                                                                                                                                                    | X°.±            | UNITS  | mm    | NAME(INTENDED USE)     | FOXCONN                                                                               |       |       |      |
| .X±                                                                                                                                                                                                                    | .X°.±           | MAT'L  |       | FRICTION HEADER        | HON HAI PRECISION IND. CO.,LTD.<br>TAIPEI, TAIWAN, R.O.C.                             |       |       |      |
| .XX± 0.13                                                                                                                                                                                                              | .XX°.±          | FINISH |       | PART NO.(INTENDED USE) | TITLE: CUSTOMER DRAWING                                                               |       |       |      |
| .XXX±                                                                                                                                                                                                                  | .XXX°.±         |        |       | HF2704*—**             | T/H, VERTICAL, 2.54mm PITCH                                                           |       |       |      |
| 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. |                 | Q'TY   | APPD: | Jake W.Yuan            | DWG NO.:                                                                              |       |       |      |
|                                                                                                                                                                                                                        |                 |        |       |                        | 307-0000-1020                                                                         |       |       |      |
|                                                                                                                                                                                                                        |                 |        | CHKD: | D.J.Chen               |  | SCALE | SHEET | REV. |
| DR:                                                                                                                                                                                                                    | Tim Zeng 8/8'08 | N/A    | 1/1   | BX1                    |                                                                                       |       |       |      |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------|--------------------------------------------------------------------------------------------|-------------|-----|------------|---------------|------|----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|---------|----------------------|-----------------------------------------------------------|------------------------|------------------------------------------------------|-------------------|------------------------|----------------|---------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------|-------|-------|------|-----|-----|-----|--|
|                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2               | 3                                          | 4                                                                                          |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
|                        | DESC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Q'TY            | MATERIAL                                   | TREATMENT                                                                                  | REMARK      |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| A                      | CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SEE NOTES BELOW | COPPER ALLOY                               | A) NICKEL UNDER PLATING OVER ALL, THICKNESS : 50u"MIN..<br>B) TIN PLATING(SEE NOTES BELOW) | A           |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
|                        | HOUSING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1               | HIGH TEMPERATURE THERMOPLASTIC<br>UL94 V-0 | HOUSING COLOR IVORY                                                                        |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| B                      | NOTES : UNLESS OTHERWISE SPECIFEDED<br>1. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12"<br>2. PLEASE CONTACT FOXCONN'S SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL & AVAILABILITY.<br>3. PRODUCT NO. MATRIX:<br><div><div><div>H F 27 ** * - * * * *</div><div>HEADER</div><div>FRICION LOCK</div><div>TERMINATION &amp; CONTACT TYPE<br/>27=T/H,VERTICAL,2.54mm PITCH</div><div>NO. OF SINGLE ROW POS.<br/>04=04 POS.</div><div>PLATING CODE<br/>E=TIN PLATING 100u" MIN. ALL OVER NICKEL PLATING WITH RoHS COMPLIANCE.<br/>F=GOLD FLASH ALL OVER NICKEL PLATING WITH RoHS COMPLIANCE.</div></div><div><div>NONE/F:RoHS PRODUCT<br/>H: HALOGEN FREE</div><div>HOUSING MATERIAL CODE<br/>NONE/P: PA9T<br/>L: LCP</div><div>COLOR CODE<br/>NONE/1: IVORY<br/>U: BLUE</div><div>MODIFICATION CODE<br/>M1= ONE GUIDE POS. ON POS. NO. 2. TAIL LENGTH: DIM.A=3.56.<br/>M2= ONE GUIDE POS. ON POS. NO. 2. TAIL LENGTH: DIM.A=4.00.</div></div></div> |                 |                                            |                                                                                            | B           |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| C                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                            |                                                                                            | C           |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| D                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                            |                                                                                            | D           |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| E                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                            |                                                                                            | E           |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
|                        | <table><tr><td>B</td><td>BC087030711</td><td>Jake W.Yuan</td></tr><tr><td>A</td><td>BC06740899</td><td>Yusan 7/26'06</td></tr><tr><td>REV.</td><td>ECN. NO.</td><td>APPD.</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | B                                          | BC087030711                                                                                | Jake W.Yuan | A   | BC06740899 | Yusan 7/26'06 | REV. | ECN. NO. | APPD. | <table><tr><td>NAME(INTENDED USE)</td><td>FOXCONN</td></tr><tr><td>FRICION HEADER CONN.</td><td>HON HAI PRECISION IND. CO.,LTD.<br/>TAIPEI, TAIWAN, R.O.C.</td></tr><tr><td>PART NO.(INTENDED USE)</td><td>TITLE: MATERIAL SHEET<br/>T/H, VERTICAL, 2.54mm PITCH</td></tr><tr><td>APPD: Jake W.Yuan</td><td>DWG NO.: 307-0500-1020</td></tr><tr><td>CHKD: D.J.Chen</td><td></td></tr><tr><td>DR: Tim Zeng 6/9'09</td><td><table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>1/1</td><td>1/1</td><td>BX2</td></tr></table></td></tr></table> |  | NAME(INTENDED USE) | FOXCONN | FRICION HEADER CONN. | HON HAI PRECISION IND. CO.,LTD.<br>TAIPEI, TAIWAN, R.O.C. | PART NO.(INTENDED USE) | TITLE: MATERIAL SHEET<br>T/H, VERTICAL, 2.54mm PITCH | APPD: Jake W.Yuan | DWG NO.: 307-0500-1020 | CHKD: D.J.Chen |  | DR: Tim Zeng 6/9'09 | <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>1/1</td><td>1/1</td><td>BX2</td></tr></table> | SCALE | SHEET | REV. | 1/1 | 1/1 | BX2 |  |
| B                      | BC087030711                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Jake W.Yuan     |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| A                      | BC06740899                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yusan 7/26'06   |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| REV.                   | ECN. NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | APPD.           |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| NAME(INTENDED USE)     | FOXCONN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| FRICION HEADER CONN.   | HON HAI PRECISION IND. CO.,LTD.<br>TAIPEI, TAIWAN, R.O.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| PART NO.(INTENDED USE) | TITLE: MATERIAL SHEET<br>T/H, VERTICAL, 2.54mm PITCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| APPD: Jake W.Yuan      | DWG NO.: 307-0500-1020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| CHKD: D.J.Chen         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| DR: Tim Zeng 6/9'09    | <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>1/1</td><td>1/1</td><td>BX2</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SCALE           | SHEET                                      | REV.                                                                                       | 1/1         | 1/1 | BX2        |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| SCALE                  | SHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | REV.            |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
| 1/1                    | 1/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BX2             |                                            |                                                                                            |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |
|                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2               | 3                                          | 4                                                                                          |             |     |            |               |      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |         |                      |                                                           |                        |                                                      |                   |                        |                |                                                                                       |                     |                                                                                                                |       |       |      |     |     |     |  |

# SPECIFICATIONS:

## 1. PHYSICAL:

- 1-1. HOUSING: THERMOPLASTIC,HIGH TEMPERATURE,UL94 V-0 RATING.
- 1-2. CONTACT: COPPER ALLOY, NICKEL UNDER PLATING 50u”  
MIN. OVER ALL; TIN PLATING ALL OVER NICKEL PLATING  
WITH RoHS COMPLIANCE.

## 2. ELECTRICAL CHARACTERISTICS:

- 2-1. CONTACT CURRENT RATING: 3 AMPERES PER POS.
- 2-2. VOLTAGE RATING: 250V AC AT SEA LEVEL.
- 2-3. DIELECTRIC WITHSTANDING VOLTAGE: 750V AC  
FOR 1 MINUTE AT SEA LEVEL.
- 2-4. INSULATION RESISTANCE: 1000 MEGOHMS MIN. INITIAL.

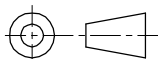
## 3. MECHANICAL CHARACTERISTICS:

- 3-1. CONTACT RETENTION FORCE: 2 LBS(0.91kgf) MIN.  
PER POS..

## 4. ENVIRONMENTAL DATA:

- 4-1. SOLDERABILITY: PASSED MIL-STD-202D.
- 4-2. OPERATION TEMPERATURE: -40°C TO +105°C.
- 4-3. HARMFUL MATERIAL CONTROL PLEASE FOLLOW  
FOXCONN'S DOC. "EPI12".

## 5. PLEASE CONTACT FOXCONN'S SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL & AVAILABILITY.

|      |            |               |                                       |                                                                                       |       |       |      |
|------|------------|---------------|---------------------------------------|---------------------------------------------------------------------------------------|-------|-------|------|
|      |            |               | NAME(INTENDED USE)<br>FRICTION HEADER | <b>FOXCONN</b><br>HON HAI PRECISION IND. CO.,LTD.<br>TAIPEI, TAIWAN, R.O.C.           |       |       |      |
|      |            |               | PART NO.(INTENDED USE)<br>HF27 SERIES | TITLE: SPECIFICATION CHART<br>T/H, VERTICAL, 2.54mm PITCH                             |       |       |      |
|      |            |               | APPD: Yusan 7/26'06                   | DWG NO.: 307-0300-1020                                                                |       |       |      |
|      |            |               | CHKD: Steven Huang 7/26'06            |  | SCALE | SHEET | REV. |
| A    | BC06740896 | Yusan 7/26'06 | DR: Nick Yu 7/26'06                   |                                                                                       | 1/1   | 1/1   | A    |
| REV. | ECN NO.    | APPD.         |                                       |                                                                                       |       |       |      |