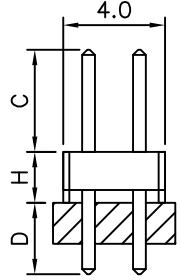
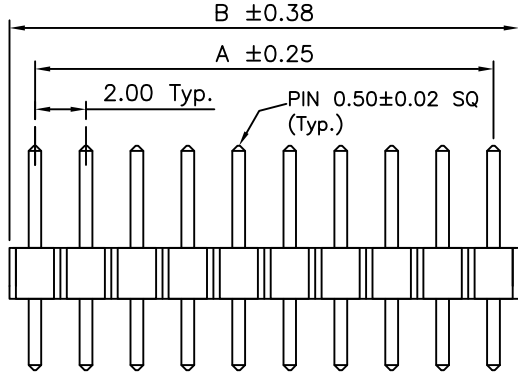
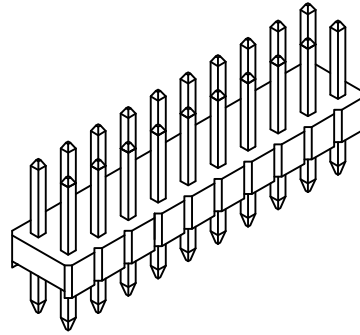


RECOMMENDED PCB LAYOUT

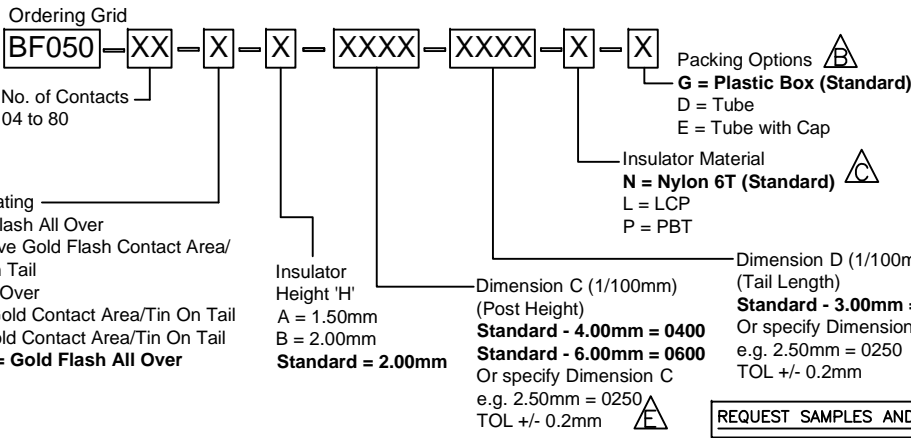


| CONTACTS | DIMENSIONS |      |
|----------|------------|------|
|          | A          | B    |
| 4        | 2.0        | 4.0  |
| 6        | 4.0        | 6.0  |
| 8        | 6.0        | 8.0  |
| 10       | 8.0        | 10.0 |
| 12       | 10.0       | 12.0 |
| 14       | 12.0       | 14.0 |
| 16       | 14.0       | 16.0 |
| 18       | 16.0       | 18.0 |
| 20       | 18.0       | 20.0 |
| 22       | 20.0       | 22.0 |
| 24       | 22.0       | 24.0 |
| 26       | 24.0       | 26.0 |
| 28       | 26.0       | 28.0 |
| 30       | 28.0       | 30.0 |
| 32       | 30.0       | 32.0 |
| 34       | 32.0       | 34.0 |
| 36       | 34.0       | 36.0 |
| 38       | 36.0       | 38.0 |
| 40       | 38.0       | 40.0 |
| 42       | 40.0       | 42.0 |
| 44       | 42.0       | 44.0 |
| 46       | 44.0       | 46.0 |
| 48       | 46.0       | 48.0 |
| 50       | 48.0       | 50.0 |
| 52       | 50.0       | 52.0 |
| 54       | 52.0       | 54.0 |
| 56       | 54.0       | 56.0 |
| 58       | 56.0       | 58.0 |
| 60       | 58.0       | 60.0 |
| 62       | 60.0       | 62.0 |
| 64       | 62.0       | 64.0 |
| 66       | 64.0       | 66.0 |
| 68       | 66.0       | 68.0 |
| 70       | 68.0       | 70.0 |
| 72       | 70.0       | 72.0 |
| 74       | 72.0       | 74.0 |
| 76       | 74.0       | 76.0 |
| 78       | 76.0       | 78.0 |
| 80       | 78.0       | 80.0 |

**FEATURES 特点**  
 EASILY BREAKABLE NOTCHES 易折断驳口  
 CUSTOM PIN LENGTH.  
 STANDOFFS FACILITATE POST SOLDER CLEANING.  
 支脚设计易于清除定位焊接点

**SPECIFICATIONS 规格**  
 CURRENT RATING 电流额定值: 2 AMP  
 INSULATOR RESISTANCE 绝缘电阻值: 1000 MEGOHMS MIN.  
 CONTACT RESISTANCE 接触电阻值: 20 mOHMS MAX.  
 DIELECTRIC WITHSTANDING 耐电压: AC 500 V  
 OPERATING TEMPERATURE 工作温度: -40°C TO +105°C  
**CONTACT MATERIAL 端子物料: COPPER ALLOY**  
**INSULATOR MATERIAL 绝缘体物料:**  
 STANDARD 标准物料: POLYAMIDE 聚酰胺, NYLON 6T, UL 94-V0  
 OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94-V0  
 OR POLYESTER 聚酯, PBT, UL94-V0  
**SOLDERING PROCESS 可焊性:**  
 NYLON 6T (STANDARD 标准物料) -  
 IR REFLOW 回流焊: 260°C for 10 sec.  
 WAVE 波峰焊: 230°C for 5-10 sec.  
 MANUAL SOLDER 人工焊接: 350°C for 3-5 sec  
 PBT (OPTION 可选物料) - MANUAL SOLDER 人工焊接: 330°C for 3-5 sec.  
 (NOT SUITABLE FOR HI-TEMP PROCESS 不适合高温处理)  
 LCP (OPTION 可选物料) -  
 IR REFLOW 回流焊: 260°C for 10 sec.  $\Delta$   
 WAVE 波峰焊: 250°C for 5-10 sec.  
 MANUAL SOLDER 人工焊接: 350°C for 3-5 sec  $\Delta$

**MATES WITH 配套之母座 (SUBJECT TO PIN LENGTH 在端子长度适合的条件下):**  
 BF065 BF075 BF080 BF095 BF100  
 BF105 BF115 BF120



REQUEST SAMPLES AND QUOTATION

| By     | LYH             | CB                      | AE                          | DR                                 | SA                               |
|--------|-----------------|-------------------------|-----------------------------|------------------------------------|----------------------------------|
| DETAIL | DRAWING RELEASE | PACKING OPTIONS CHANGED | CORRECTION TO ORDERING GRID | CHANGE TO SOLDER TEMP. INFORMATION | AMENDMENT TO STANDARD DIMENSIONS |
| REV    | A               | B                       | C                           | D                                  | E                                |
| DATE   | 31/10/07        | 27/04/09                | 03/06/09                    | 30/07/09                           | 08/12/09                         |



|                              |  |           |
|------------------------------|--|-----------|
| Tolerances (Except as noted) | Part Number:-  | Date:-    |
| Dimensions in mm             | BF050  | 31 OCT 07 |
| X. ± 0.30                    | Description:-  |           |
| X.X ± 0.20                   | 2.0mm PITCH PIN HEADER, DUAL ROW, THROUGH HOLE, VERTICAL                                   |           |
| X.XX ± 0.15                  |  |           |
| X.XXX ± 0.10                 |  |           |
| X.° ± 5°                     |  |           |
| X' ± 2°                      |  |           |
| XX' ± 1°                     |  |           |
| XXX' ± 0.5°                  |  |           |
| Third Angle Projection       | © THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT |           |

|       |          |          |          |           |
|-------|----------|----------|----------|-----------|
| Scale | Revision | Material | Drawn by | Sheet No. |
| NTS   | D        | See Note | LYH      | 1/1       |

**GCT**

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