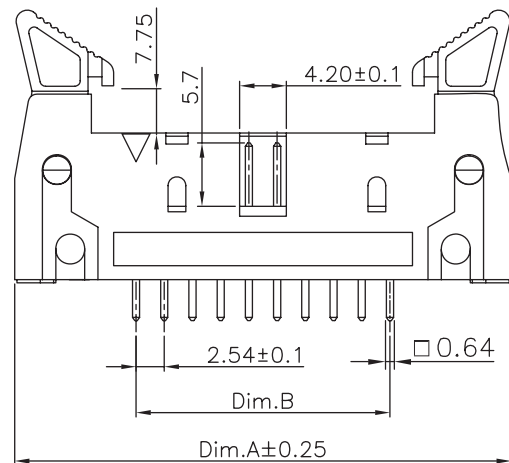
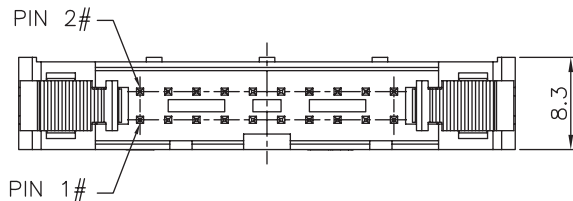


Recommended P.C.B Layout

#### TECHNICAL CHARACTERISTICS

MATERIAL  
INSULATOR: PBT  
FLAMABILITY RATING: UL94-V0  
COLOR: BLACK  
CONTACT MATERIAL: COPPER ALLOY  
CONTACT TYPE: STAMPED  
CONTACT PLATING: GOLD  
QUALITY CLASS: 3 AS PER CECC 75 301-802  
PITCH: 2.54MM

ENVIRONMENTAL  
OPERATING TEMPERATURE: -40 UP TO 125°C  
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
CURRENT RATING: 3A MAX  
WORKING VOLTAGE: 250V AC  
INSULATOR RESISTANCE: >1000 MOHM  
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MN  
CONTACT RESISTANCE: 20 mOHM MAX

STANDARD  
CERTIFIED: E323964 / MODEL NUMBER 612-S

SOLDERING  
WAVE PROCESS ONLY

PACKAGING  
TRAY

#### DIMENSION

| No. of Positions | Dim A | Dim B | No. of Positions | Dim A  | Dim B |
|------------------|-------|-------|------------------|--------|-------|
| 6                | 26.92 | 5.08  | 26               | 52.30  | 30.48 |
| 8                | 29.46 | 7.62  | 30               | 57.40  | 35.56 |
| 10               | 32.00 | 10.16 | 34               | 62.50  | 40.64 |
| 12               | 34.54 | 12.70 | 40               | 70.10  | 48.26 |
| 14               | 37.08 | 15.24 | 50               | 82.85  | 60.96 |
| 16               | 39.62 | 17.78 | 60               | 95.50  | 73.66 |
| 20               | 44.70 | 22.86 | 64               | 100.48 | 78.74 |
| 24               | 49.78 | 27.94 |                  |        |       |

#### Notes:

No. of Positions 64 with three key; Other positions with one key

| RoHS Compliant |           | No. of Positions 64 with three key; Other positions with one key |    |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
|----------------|-----------|------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--|-------------------|
| G              | 12-APR-02 | SQU                                                              | GG | <div>PROJECTION:</div> <div></div> | <div>GENERAL TOLERANCE</div> <div>.X = <math>\pm</math> 0.2</div> <div>.XX = <math>\pm</math> 0.15</div> | <div></div> |  |                   |
| F              | 07-MAR-12 | DRAWING                                                          | GG |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
| E              | 15-MAR-10 | DELETE NOTES                                                     | JP |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
| D              | 17-NOV-09 | STANDARD                                                         | JP |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
| J              | 19-MAR-13 | NOTES                                                            | AR | APPROVAL: RJ                                                                                                          | UNIT: MM                                                                                                 | DESCRIPTION: 2.54MM MALE BOX HEADER WITH LONG LEVER                                              |  | SIZE<br><b>A4</b> |
| I              | 22-FEB-13 | OVERWALL DIM                                                     | QL |                                                                                                                       | SCALE:                                                                                                   |                                                                                                  |  |                   |
| H              | 19-DEC-12 | REMOVE UL MARK                                                   | QL |                                                                                                                       | SHEET: 1/1                                                                                               | WERI PART NO: 612 0xx 228 21                                                                     |  |                   |
| REV            | DATE      | FILE                                                             | BY |                                                                                                                       | DRAW: MIKE                                                                                               |                                                                                                  |  |                   |