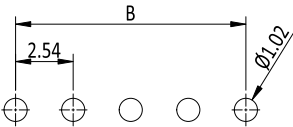
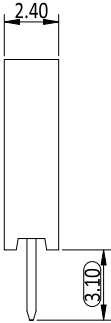
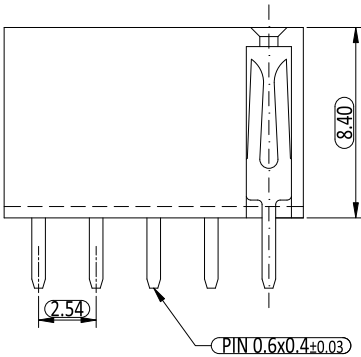
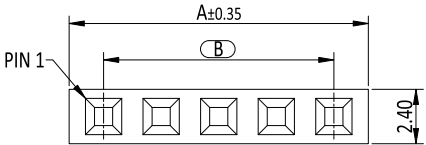


SPECIFICATION  
MATERIAL AND FINISH:  
1. INSULATION: PBT, BLACK  
2. CONTACT: BRASS

ELECTRICAL CHARACTERISTIC:  
1. CURRENT RATE: 3 A  
2. CONTACT RESISTANCE: 20 mΩ MAX.  
3. INSULATION RESISTANCE: 5000 MΩ MIN.  
4. DIELECTRIC VOLTAGE: AC 500 V FOR 1 MINUTE

PACKING STYLE:  
1. TRAY

| PIN NO. | DIM. A | DIM. B | PIN NO. | DIM. A | DIM. B |
|---------|--------|--------|---------|--------|--------|
|         |        |        | 21      | 53.84  | 50.80  |
| 2       | 5.58   | 2.54   | 22      | 56.38  | 53.34  |
| 3       | 8.12   | 5.08   | 23      | 58.92  | 55.88  |
| 4       | 10.66  | 7.62   | 24      | 61.46  | 58.42  |
| 5       | 13.20  | 10.16  | 25      | 64.00  | 60.96  |
| 6       | 15.74  | 12.70  | 26      | 66.54  | 63.50  |
| 7       | 18.28  | 15.24  | 27      | 69.08  | 66.04  |
| 8       | 20.82  | 17.78  | 28      | 71.62  | 68.58  |
| 9       | 23.36  | 20.32  | 29      | 74.16  | 71.12  |
| 10      | 25.90  | 22.86  | 30      | 76.70  | 73.66  |
| 11      | 28.44  | 25.40  | 31      | 79.24  | 76.20  |
| 12      | 30.98  | 27.94  | 32      | 81.78  | 78.74  |
| 13      | 33.52  | 30.48  | 33      | 84.32  | 81.28  |
| 14      | 36.06  | 33.02  | 34      | 86.86  | 83.82  |
| 15      | 38.60  | 35.56  | 35      | 89.40  | 86.36  |
| 16      | 41.14  | 38.10  | 36      | 91.94  | 88.90  |
| 17      | 43.68  | 40.64  | 37      | 94.48  | 91.44  |
| 18      | 46.22  | 43.18  | 38      | 97.02  | 93.98  |
| 19      | 48.76  | 45.72  | 39      | 99.56  | 96.52  |
| 20      | 51.30  | 48.26  | 40      | 102.1  | 99.06  |



RECOMMENDED PCB LAYOUT

XXX=PIN NO.(002~040)

|                                                                                       |             |                                                                                                                                                                                                   |                                                                                                                           |         |           |
|---------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------|-----------|
| 1                                                                                     | 5130901XXX0 | 309AEXXFGN1020A3                                                                                                                                                                                  | GOLD FLASH                                                                                                                |         |           |
| ITEM                                                                                  | NEW P/N     | OLD P/N                                                                                                                                                                                           | PLATING                                                                                                                   |         | NOTE      |
| UNLESS OTHERWISE<br>SPECIFIED TOLERANCE<br><br>ANG.    ±3°<br>±0.30<br>±0.20          |             |  SIP<br><br> Cmk<br>Cpk | <br><br><b>CHANT SINCERE CO.,LTD</b> |         |           |
|                                                                                       |             |                                                                                                                                                                                                   |                                                                                                                           |         |           |
| SCALE: AS SHOWN                                                                       |             | UNIT: mm                                                                                                                                                                                          |                                                                                                                           |         |           |
| DRAWN: HOLLY_TU                                                                       |             | 26 Dec 2024                                                                                                                                                                                       | TITLE:<br><br>FEMALE HEADER PITCH: 2.54mm                                                                                 |         |           |
| CHECKED: PEARL_HUNG                                                                   |             | 30 Dec 2024                                                                                                                                                                                       |                                                                                                                           |         |           |
| APPROVED: PEARL_HUNG                                                                  |             | 30 Dec 2024                                                                                                                                                                                       | PART NO. 5130901XXXX                                                                                                      |         |           |
|  | SIZE A4     | SHEET 1/1                                                                                                                                                                                         | REV. B                                                                                                                    | CODE: p | CUSTOMER: |



TITLE:  
FEMALE HEADER PITCH: 2.54mm

|      |          |                              |           |
|------|----------|------------------------------|-----------|
|      | B        | ECN-2412084(KIRA)ADD NEW P/N | 26DEC2024 |
|      | A        | ECN-1703027(EMMA)            | 20MAY2017 |
| ZONE | REVISION | DESCRIPTION                  | DATE      |
| 1    | 2        | 3                            | 4         |
| 5    | 6        | 7                            | 8         |
| 9    | 10       | 11                           | 12        |