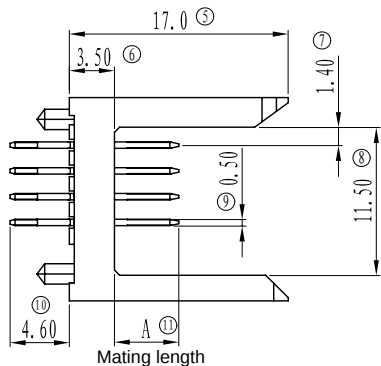
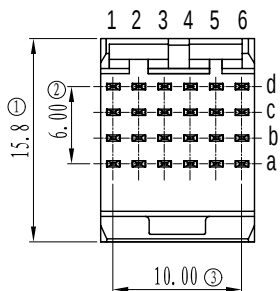




| CODE | DIM "A" |
|------|---------|
| 1    | 5.00    |
| 2    | 5.75    |
| 3    | 6.50    |
| 4    | 7.25    |
| 5    | 8.00    |

Performance characteristics:

1.Main body part material

Insulator: LCP NATURE COLOR UL94V-0

Contact terminal: Phosphor Bronze, Ni 1.27μm Min. Underplated over all.  
mate area plating see part number rule, Sn plated at tail

2.Electrical requirements:

Contact resistance: ≤50 mΩ

Insulation resistance: ≥1000 MΩ

Withstanding voltage: 1000 Vr.m.s, 1mA, 60s

3.Environment specification

Working temperature: -55℃ ~ +125℃

4.Applicable standard: IEC61076-4-104

5.Packing & storing

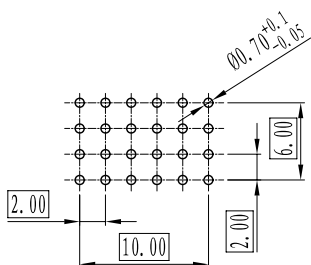
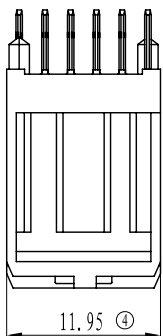
Method of packing: small box, inner box, outer box

Storing condition: temperature of -10℃ ~ +40℃  
below 80% relative humidity

6.Style of installation: Solder pcb installation

7.To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS



RECOMMENDED PCB LAYOUT

| Contact pattern code | 1            |   |   |   |   |   |
|----------------------|--------------|---|---|---|---|---|
|                      | CONTACT CODE |   |   |   |   |   |
| ROW                  | 1            | 2 | 3 | 4 | 5 | 6 |
| d                    | 1            | 1 | 1 | 1 | 1 | 1 |
| c                    | 1            | 1 | 1 | 1 | 1 | 1 |
| b                    | 1            | 1 | 1 | 1 | 1 | 1 |
| a                    | 1            | 1 | 1 | 1 | 1 | 1 |

| Contact pattern code | 3            |   |   |   |   |   |
|----------------------|--------------|---|---|---|---|---|
|                      | CONTACT CODE |   |   |   |   |   |
| ROW                  | 1            | 2 | 3 | 4 | 5 | 6 |
| d                    | 3            | 3 | 3 | 3 | 3 | 3 |
| c                    | 3            | 3 | 3 | 3 | 3 | 3 |
| b                    | 3            | 3 | 3 | 3 | 3 | 3 |
| a                    | 3            | 3 | 3 | 3 | 3 | 3 |

| Contact pattern code | 2            |   |   |   |   |   |
|----------------------|--------------|---|---|---|---|---|
|                      | CONTACT CODE |   |   |   |   |   |
| ROW                  | 1            | 2 | 3 | 4 | 5 | 6 |
| d                    | 2            | 2 | 2 | 2 | 2 | 2 |
| c                    | 2            | 2 | 2 | 2 | 2 | 2 |
| b                    | 2            | 2 | 2 | 2 | 2 | 2 |
| a                    | 2            | 2 | 2 | 2 | 2 | 2 |

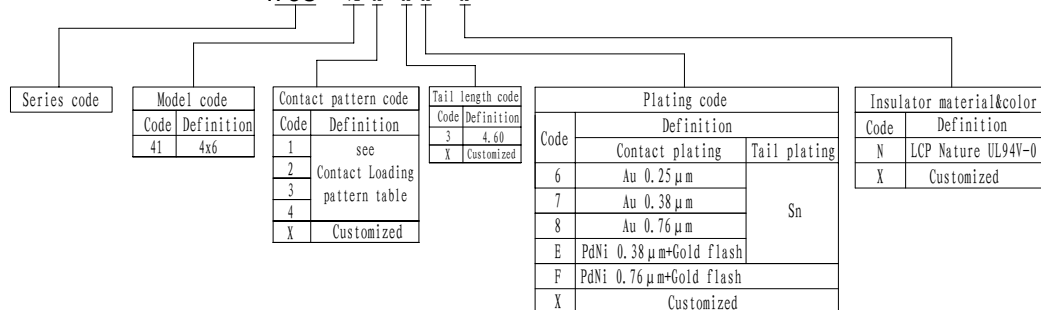
| Contact pattern code | 4            |   |   |   |   |   |
|----------------------|--------------|---|---|---|---|---|
|                      | CONTACT CODE |   |   |   |   |   |
| ROW                  | 1            | 2 | 3 | 4 | 5 | 6 |
| d                    | 1            | 1 | 1 | 1 | 1 | 1 |
| c                    | 1            | 1 | 1 | 1 | 1 | 1 |
| b                    | 3            | 3 | 3 | 3 | 3 | 3 |
| a                    | 1            | 1 | 1 | 1 | 1 | 1 |

Contact Loading pattern

Unless otherwise specified tolerance:

|     |       |     |     |
|-----|-------|-----|-----|
| X.  | ±0.50 | X.° | ±3° |
| .X  | ±0.38 | .X° | ±2° |
| .XX | ±0.25 |     |     |

i793 - 41 X- X X - X



|      |     |          |           |            |                                                               |  |                |      |        |       |
|------|-----|----------|-----------|------------|---------------------------------------------------------------|--|----------------|------|--------|-------|
|      |     |          |           |            | HM1 Series 2mm Signal Right Angle Male Solder Connector (4x6) |  | wrj-i793       |      |        |       |
| Mark | NO. | File NO. | Signature | Date       |                                                               |  | Projection     | Rev. | Weight | Scale |
| DRAW |     |          | 刘华玉       | 2012.05.17 |                                                               |  |                | A0   |        |       |
| CHK  |     |          |           |            |                                                               |  |                |      |        |       |
| MAN  |     |          |           |            |                                                               |  |                |      |        |       |
| STD  |     |          |           |            |                                                               |  |                |      |        |       |
| APP  |     |          |           |            |                                                               |  |                |      |        |       |
|      |     |          |           |            | i793-41x-xx-x                                                 |  | Sheet 1 1 of 1 |      |        |       |
|      |     |          |           |            |                                                               |  | 深圳市威尔杰电子有限公司   |      |        |       |