

# Performance characteristics:

## 1.Main body part material

Insulator: PBT Gray 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:

Current rating: 1A(70℃), 1.5A(20℃)

Contact resistance: ≤20 mΩ

Insulation resistance: ≥10000 MΩ

Withstanding voltage: 750 Vr.m.s, 1mA, 60s

## 3.Environment specification

Working temperature: -55℃ ~+125℃

## 4.Applicable standard: IEC61076-4-101

## 5.Packing & storing

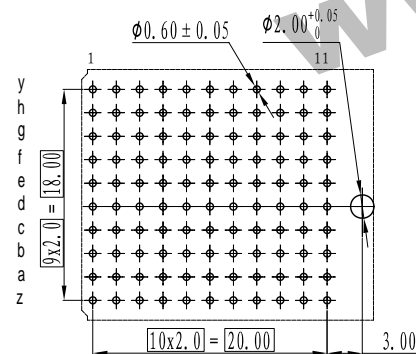
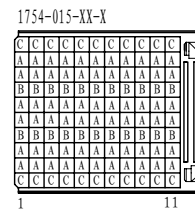
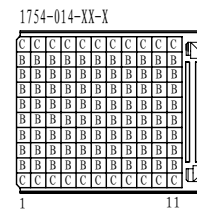
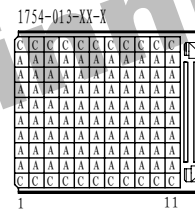
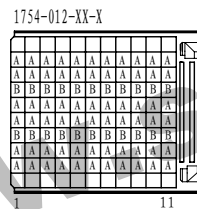
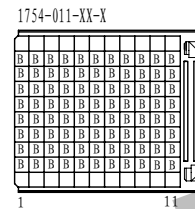
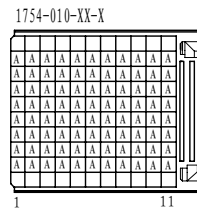
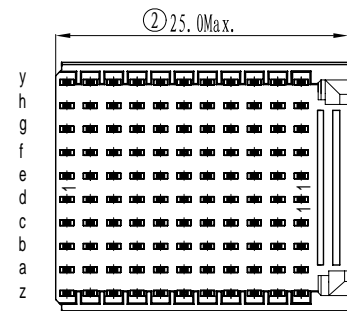
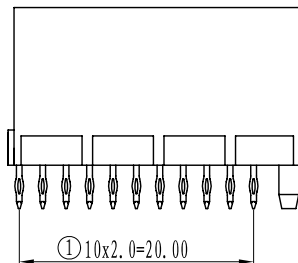
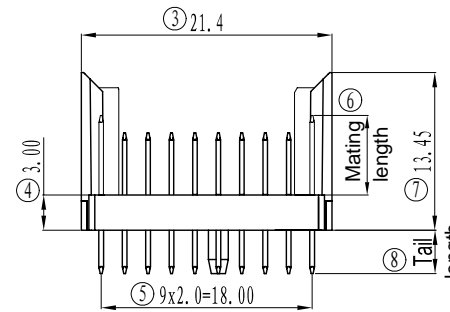
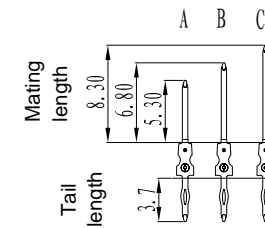
Method of packing: small box, inner box, outer box

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

## 6.Style of installation: Press-fit 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 Loading pattern

Unless otherwise specified tolerance:

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

| Series code |                                   | Contact pattern code |                                   | Spec. code |                       | Plating code |            |    | Insulator material&color |                  |
|-------------|-----------------------------------|----------------------|-----------------------------------|------------|-----------------------|--------------|------------|----|--------------------------|------------------|
| Code        | Definition                        | Code                 | Definition                        | Code       | Definition            | Code         | Definition |    | Code                     | Definition       |
| 010         | See contact Loading pattern table | 011                  | See contact Loading pattern table | 1          | press fit/with peg    | 6            | Au 0.25μm  | Sn | A                        | PBT Gray UL94V-0 |
| 012         |                                   | 013                  |                                   | 4          | press fit/without peg | 7            | Au 0.38μm  |    | X                        | Customized       |
| 014         |                                   | 015                  |                                   | X          | Customized            | 8            | Au 0.76μm  |    |                          |                  |
| 015         |                                   | X                    | Customized                        |            |                       | X            | Customized |    |                          |                  |
| X           |                                   | X                    | Customized                        |            |                       |              |            |    |                          |                  |

| Mark | NO. | File NO. | Signature | Date       | HM2mm Straight Male Press-fit Connector Type F |  | SL0.1754.002   |      |        |       |
|------|-----|----------|-----------|------------|--|--|----------------|------|--------|-------|
| DRAW |     |          | 刘华玉       | 2013.07.11 |  |  | Projection     | Rev. | Weight | Scale |
| CHK  |     |          |           |            |  |  |                | A0   |        |       |
| MAN  |     |          |           |            |  |  | Sheet 1 1 of 1 |      |        |       |
| STD  |     |          |           |            |  |  |                |      |        |       |
| APP  |     |          |           |            |  |  |                |      |        |       |

1754-XXX-XX-X