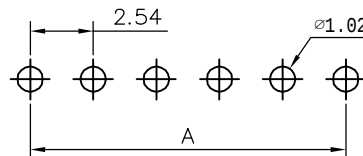
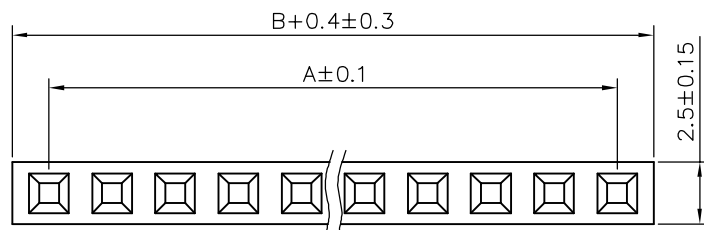
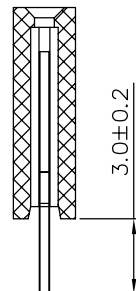
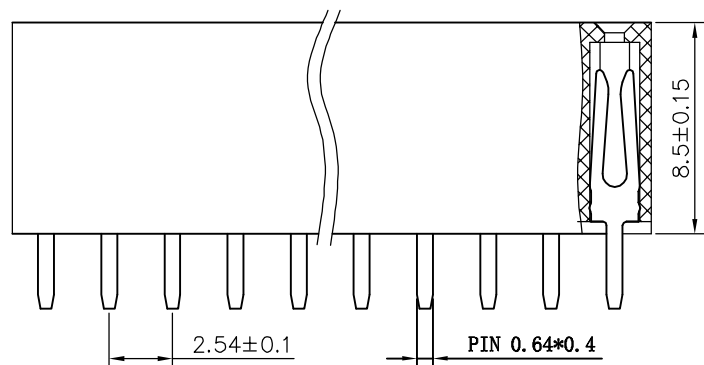


**Kinghelm®**



RECOMMEND P.C.B LAYOUT  
PCB TOLERANCE:  $\pm 0.05$  (TOP VIEW)



## SPECIFICATIONS

Current Rating: 3Amps  
Insulation Resistance: 1000M  $\Omega$  Min  
Contact Resistance: 20m  $\Omega$  Max  
Withstanding Voltage: AC 1000V  
Operation Temperature: -40 ° to +105 °  
Contact Material: Brass  
Standard: PBT  
Insulator Material: Polyester (UL 94V-0)  
Contact Plating: Gold Flash  
Max. Processing Temp: 200 ° C for 30-60 seconds  
(220 ° C for 5 seconds)

## Code Description

- (1) Pin Spacing: 254=2.54mm
- (2) Product Name: FH=Female Header
- (3) No. of Rows: 1=Single Row ; 2=Dual Row
- (4) No. of Pins Per Row: 1~40
- (5) Insulator Material Height: 50=5.0mm; 85=8.5mm
- (6) Connector Type: S=Straight; R=Right Angle; M=SMT
- (7) Connector Material Length: 30=3.0mm; 32=3.2mm
- (8) Insulator Material Width: 50=5.0mm; 55=5.5mm
- (9) Contact Plating: G0=Gold Flash; AU15=Au 1.5u"
- (10) Connector Material Type: U=U Type; Y=Y Type
- (11) Insulator Material Option:  
A=BK-PBT; B=BK-PA6T; C=BK-PA46; D=KB-LCP; S=Special

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**KH-2.54FH-1X19P-H8.5**

**0755-83044319**

UNLESS OTHERWISE SPECIFIED TOLERANCE  
X :  $\pm 0.3$  X° :  $\pm 5^\circ$   
X.X :  $\pm 0.2$  X.X° :  $\pm 1^\circ$   
X.XX :  $\pm 0.1$  X.XX° :  $\pm 0.5^\circ$

DRAWN NAME: 2.54FH 1xnPin H8.5 DIP

| SIZE | A4 | SCALE | N:1 | PRODUCT NO. |
|------|----|-------|-----|-------------|
| REV  | A  | UNIT  | mm  | PROJECT     |

CHECKED: LI BEI LIN 12/03/07 CHECKED: / / APPROVED: / /

| No. of | DIM.A | DIM.B | No. of | DIM.A | DIM.B | No. of | DIM.A | DIM.B | No. of | DIM.A | DIM.B  |
|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|--------|
| 1      | 0.00  | 2.54  | 11     | 25.40 | 27.94 | 21     | 50.80 | 53.34 | 31     | 76.20 | 78.74  |
| 2      | 2.54  | 5.08  | 12     | 27.94 | 30.48 | 22     | 53.34 | 55.88 | 32     | 78.74 | 81.28  |
| 3      | 5.08  | 7.62  | 13     | 30.48 | 33.02 | 23     | 55.88 | 58.42 | 33     | 81.28 | 83.82  |
| 4      | 7.62  | 10.16 | 14     | 33.02 | 35.56 | 24     | 58.42 | 60.96 | 34     | 83.82 | 86.36  |
| 5      | 10.16 | 12.70 | 15     | 35.56 | 38.10 | 25     | 60.96 | 63.50 | 35     | 86.36 | 88.90  |
| 6      | 12.70 | 15.24 | 16     | 38.10 | 40.64 | 26     | 63.50 | 66.04 | 36     | 88.90 | 91.44  |
| 7      | 15.24 | 17.78 | 17     | 40.64 | 43.18 | 27     | 66.04 | 68.58 | 37     | 91.44 | 93.98  |
| 8      | 17.78 | 20.32 | 18     | 43.18 | 45.72 | 28     | 68.58 | 71.12 | 38     | 93.98 | 96.52  |
| 9      | 20.32 | 22.86 | 19     | 45.72 | 48.26 | 29     | 71.12 | 73.66 | 39     | 96.52 | 99.06  |
| 10     | 22.86 | 25.40 | 20     | 48.26 | 50.80 | 30     | 73.66 | 76.20 | 40     | 99.06 | 101.60 |