

# HSF

## NOTES:

Rated Current:3.0AMP

Contact Resistance:20mΩ max

Withstand Voltage:1000V AC/DC

Insulation Resistance:1000MΩ min

Operation Temperature:-40℃ to +105℃

Contact Material:Phosphor Bronze or Brass 

Contact Plating:Au Or Sn Over Ni

Insulator Material:PA9T+30%G.F UL94V-O(Std)

Or PBT+30%G.F UL94V-O

## Ordering Information

2185DN X - 1 XX S XX X YN X X

Add number  
0~4pcs

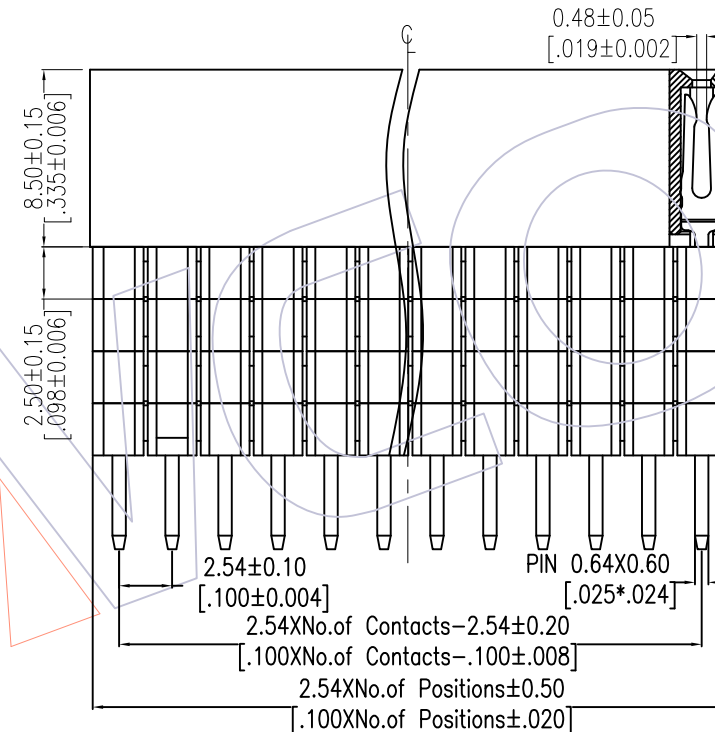
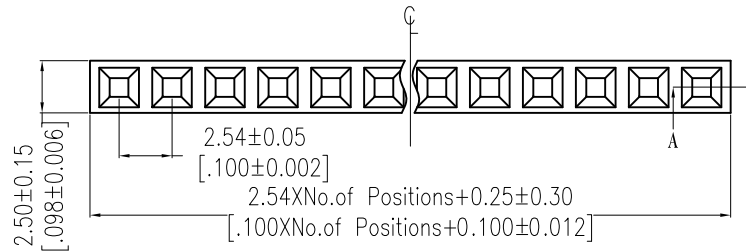
No. of Pins per  
ROW:02~40PIN

Contact Plating:  
G0=Gold Flash  
G3=10μ"Gold  
G4=15μ"Gold  
G5=30μ"Gold  
S0=Gold Flash/Tin  
S3=10μ"Gold/Tin  
S4=15μ"Gold/Tin  
S5=30μ"Gold/Tin  
SN=Tin

Insulator :  
A=PBT  
C=PA9T

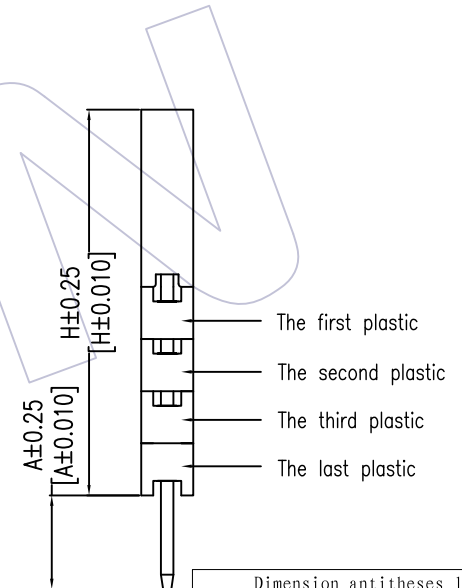
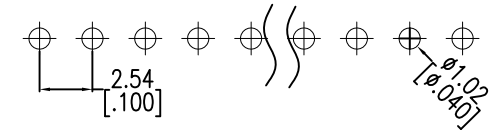
Packing:  
A=Tray  
T=Tube

| Item      | Pitch | Mating |
|-----------|-------|--------|
| Standard  | 2.54  | 1125   |
| Alternate |       |        |



SECTION A-A

Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE±0.05)



Dimension antitheses list

| PART NO.           | Add Number | Dim H | Dim A                |
|--------------------|------------|-------|----------------------|
| 2185DN0-1XXSXXYNXX | 0          | 8.50  | 4.85<br>9.95<br>2.30 |
| 2185DN1-1XXSXXYNXX | 1          | 11.05 | 7.35<br>12.2         |
| 2185DN2-1XXSXXYNXX | 2          | 13.59 | 4.85<br>9.65         |
| 2185DN3-1XXSXXYNXX | 3          | 16.13 | 2.30<br>7.10         |
| 2185DN4-1XXSXXYNXX | 4          | 18.67 | 4.60                 |

|     |            |                          |        | OPERATION |       | DRAW<br>Wang | DATE<br>2014/10/08 | SCALE<br>UNIT | FIT<br>mm    | PART NO.<br>SEE TABLE                                     |
|-----|------------|--------------------------|--------|-----------|-------|--------------|--------------------|---------------|--------------|-----------------------------------------------------------|
| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE | DIM       | TOL   |              |                    |               |              |                                                           |
| A1  | 2014/10/08 | Modify drawing           | -----  | X.X       | ±0.40 | CHECK        | DATE               | SIZE<br>A4    | SHEET<br>1/1 | TITLE:<br>FH2.54 SINGLE 180° ADD<br>HOUSING H=8.5+HOUSING |
| AO  | 2012/08/24 | NEW                      | -----  | X.XX      | ±0.25 |              |                    |               |              |                                                           |
|     |            |                          |        | X.XXX     | ±0.15 |              |                    |               |              |                                                           |
|     |            |                          |        | Angle     | ± 3'  | APPROVE      | DATE               | SHEET<br>1/1  | PROJ.        | Customer NO.                                              |
|     |            |                          |        | DIM       | TOL   |              |                    |               |              |                                                           |