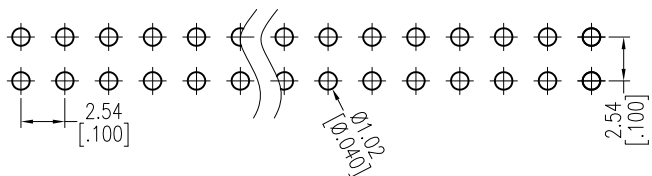


# HSF

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



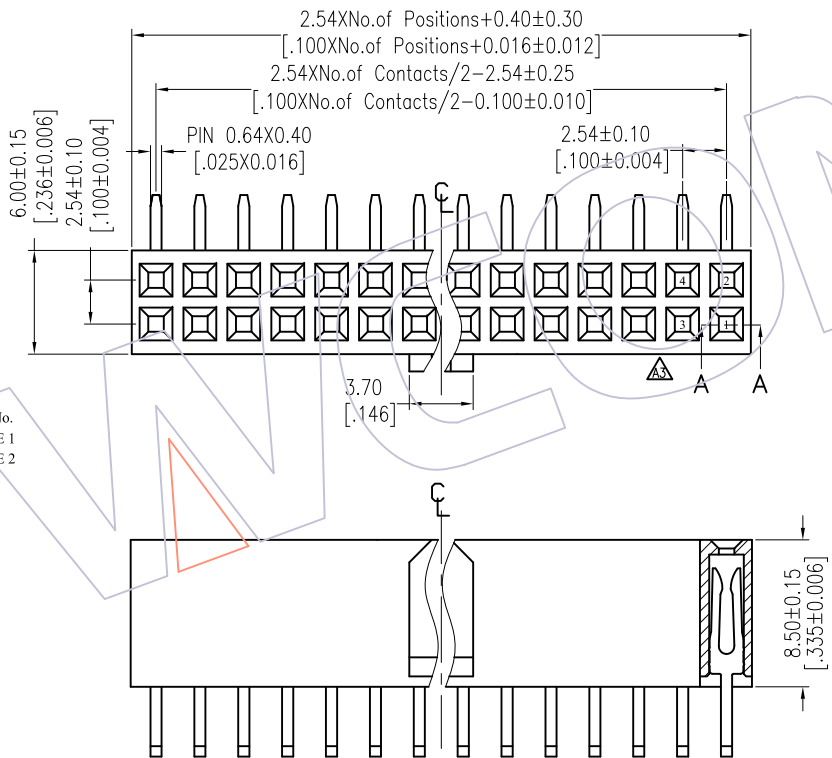
NOTES:  
 Current Rating: 3.0AMP  
 Contact Resistance: 20mΩ Max  
 Withstand Voltage: 1000V AC/DC  
 Insulation Resistance: 1000MΩ Min  
 Operation Temperature: -40°C to +105°C

Contact Material: Phosphor Bronze or Brass  
 Contact plating: Au Or Sn over Ni  
 Insulator Material: PA9T+33%G.F UL94V-0(Std)  
 Or PBT+30%G.F UL94V-0

### Ordering Information

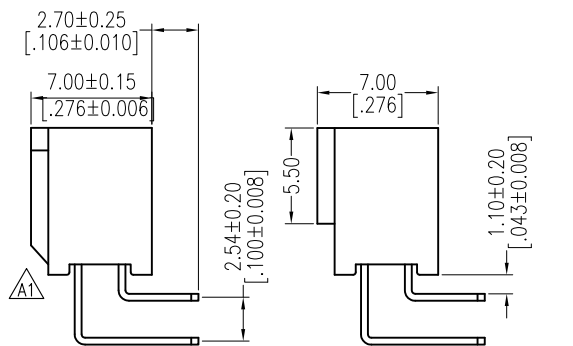
2185 - 2 XX R XX X Y N A X

- ▲ No. of Pins per ROW: 02-27PIN
- 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, SM=Matte Tin
- Insulator: A=PBT, C=PA9T
- Packing: T=Tube, A=Tray
- Series No. 3=TYPE 1, 4=TYPE 2



SECTION: A-A

| TITLE  | PART NO.         |
|--------|------------------|
| TYPE 1 | 2185-2XXRXXXYNA3 |
| TYPE 2 | 2185-2XXRXXXYNA4 |



TYPE 1 FULL BUMP

TYPE 2 HALF BUMP

| Item      | Pitch | Mating         |
|-----------|-------|----------------|
| Standard  | 2.54  | 1115/1120/1125 |
| Alternate |       |                |

| REV | DATE       | MODIFICATION DESCRIPTION | CHANGE | OPERATION   | DRAW      | DATE       | SCALE | FIT | PART NO.   |
|-----|------------|--------------------------|--------|-------------|-----------|------------|-------|-----|--|
| A3  | 2017/07/12 | Modify                   | ▲      | OPERATION   | Surong Xu | 2017/07/12 | UNIT  | mm  | SEE TABLE  |
| A2  | 2015/08/27 | Modify                   | ▲      | x.X ±0.40   | CHECK     | DATE       | SIZE  | A4  | TITLE:<br>FH2.54mm DUAL ROW 90°DIP<br>WITH BUMP H=8.50 |
| A1  | 2014/04/14 | Modify drawing           | ▲      | x.XX ±0.25  | APPROVE   | DATE       | SHEET | 1/1 | Customer NO.   |
| A0  | 2012/08/15 | NEW                      | -----  | x.XXX ±0.15 |           |            | PROJ. |     |  |
|     |            |                          |        | Angle ± 3°  |           |            |       |     |  |
|     |            |                          |        | DIM TOL     |           |            |       |     |  |

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