Notes:
1. Electrical Characteristics:
   1.1 Contact Resistance: 20mΩ Max
   1.2 Dielectric Withstanding Voltage: 600V AC (rms) for 1 Minute
   1.3 Insulation Resistance: 1000mΩ Min
   1.4 Current Rating: 3A
   1.5 Voltage Rating: 250V AC rms
2. Environment Characteristics:
   2.1 Temperature: -40°C ~ +105°C
3. Materials:
   3.1 Contact Materials: Copper Alloy
   3.2 Contact Plating: Tin or Gold plate
   3.3 Insulator Materials: PBT, Black, UL94V-0
      or High temperature Materials like PA46/PA6T/PA9T

How to Order:
PBS(F) : 2.54 - 1xN GF (XX) - (XX)
PBD(F) : 2.54 - 2xN GF (XX) - (XX)

Recommended PCB Layout

Pin Length: L = 11mm / 5mm.....

Double Row
PBS(F) Series

Single Row
PBS(F) Series

Poles from 02 to 40

YUHUI ELECTRONIC TECH. CO., LTD.

Title: DWG. NO.: PART NO.: TITLE:
YH-PBS(F)/PBD(F)-001A-001 PBS(F)/PBD(F)-2.54-1 or 2 x40GF 2.54mm Female header, Straight Pin size - 0.64 * 0.60

General Tolerance

<table>
<thead>
<tr>
<th>Unit</th>
<th>X ± 5.0°</th>
<th>X ± 0.30</th>
</tr>
</thead>
<tbody>
<tr>
<td>X ± 3.0°</td>
<td>X ± 0.25</td>
<td></td>
</tr>
<tr>
<td>XX ± 2.0°</td>
<td>XX ± 0.15</td>
<td></td>
</tr>
<tr>
<td>XXX ± 1.0°</td>
<td>XXX ± 0.10</td>
<td></td>
</tr>
</tbody>
</table>

Design: Check: Audit: Approve:
Date: 2020.02.28 Date: 2020.03.02 Date: 2020.03.02 Date: 2020.03.02

Customer Request: PA46 / PA6T / PA9T

Standard Insulator Material: PBT (No Mark)

Pin Length: L = 11mm / 5mm.....

G - Gold Plate ; GF - Gold Flash ; T - Tin Plate

Notes: 2.54 * N + 0.5
2.54 * (N-1)