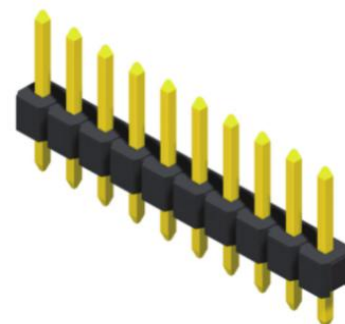
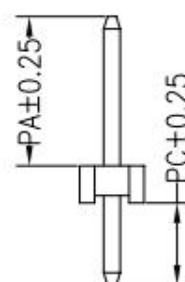
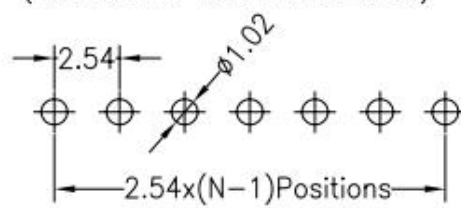
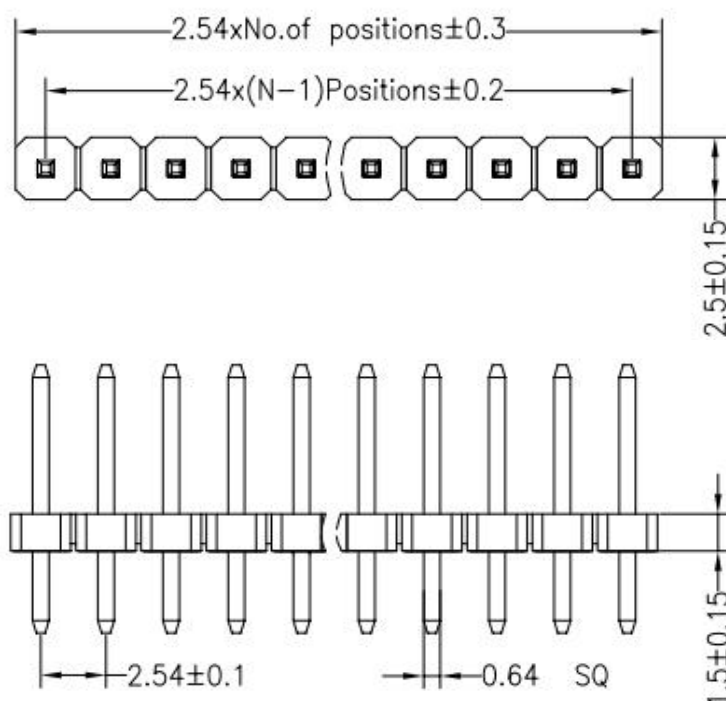


## SPECIFICATIONS:

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Rated Current         | 3.0AMP                                          |
| Contact Resistance    | 20mΩ Max                                        |
| Withstand Voltage     | 1000V AC/DC                                     |
| Insulation Resistance | 1000mΩ Min                                      |
| Operation Temperature | - 40°C to +105°C                                |
| Contact Material      | Brass                                           |
| Contact Plating       | Au over Ni                                      |
| Insulator Material    | PA6T                                            |
| Max. Processing Temp: | 230°C for 30-60 seconds<br>260°C for 10 seconds |



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



| Dimension antitheses list |      |      |      |
|---------------------------|------|------|------|
| ITEM                      | PA   | PC   | L    |
| Standard                  | 6.00 | 3.00 | 10.5 |
| Alternate                 |      |      |      |

## Ordering Information

| HC Series                       | No. of Pin Per Row | Insulator Option | N | Plating        | Type       | PIN Length                     | Packing      | End code |
|---------------------------------|--------------------|------------------|---|----------------|------------|--------------------------------|--------------|----------|
| HC-PH41511<br>2.54mm Pin Header | 1x01P              | A=PBT            |   | G0=Gold Flash  | S=Straight | L=XXX                          | 0=PE Bag     | X        |
|                                 | 1x40P              | B=PA66           |   | SN=Tin Plated  |            | Confirm you need size of PA/PC | A=Tray       |          |
|                                 |                    | C=PA6T           |   | SM=Matted Tin  |            |                                | T=Tube       |          |
|                                 |                    | D=PA46           |   | S0=Gold/Tin    |            |                                | P=Tube+Cap   |          |
|                                 |                    | E=PA9T           |   | G1=3u Gold     |            |                                | R=Reel+Cap   |          |
|                                 |                    | F=LCP            |   | G2=5u Gold     |            |                                | M=Reel+Mylar |          |
|                                 |                    | X=Special        |   | G3=10u Gold    |            |                                | X=Special    |          |
|                                 |                    |                  |   | G4=15u Gold    |            |                                |              |          |
|                                 |                    |                  |   | G5=30u Gold    |            |                                |              |          |
|                                 |                    |                  |   | S1=3u Gold/Tin |            |                                |              |          |