



P.C.B LAYOUT

| REVISION DATA |             |            |
|---------------|-------------|------------|
| REV           | DESCRIPTION | DATE       |
| A0            | NEW DRAWING | 2013-10-09 |

## Technical Data

Material:  
 Contact Material: Brass  
 Contact plating: Au or Sn Over 50μ" Ni  
 Insulator Material: Black Polyester UL94V-0  
 Standard: PA6T/PA9T/LCP+30%G.F

Electrical:  
 Current rating: 1.0Amps/contact max.  
 Contact resistance: ≤20mΩ/contact  
 Insulation resistance: ≥500MΩ at V=100V  
 Withstanding Voltage: 500V AC/minute

Mechanical:  
 Mechanical life cycle: min.200  
 Operating temperature: -40°C to +105°C  
 Soldering temperature: +255°C

| Dimension antitheses list |   |    |    |    |   |    |
|---------------------------|---|----|----|----|---|----|
| Item                      | L | PC | PA | PB | H | W1 |
| Standard                  |   |    |    |    |   |    |
| Remarks                   |   |    |    |    |   |    |

|                      |                 |   |  |                |                                 |   |   |                          |                    |                               |
|----------------------|-----------------|---|--|----------------|---------------------------------|---|---|--------------------------|--------------------|-------------------------------|
| PZ                   | 3               | XX  | 11   | XXX            | R                               | XX  | X   | N                        | N                  | XXX                           |
| P/N<br>PZ-Pin Header | Pitch<br>3=1.27 | H<br>10=1.0mm<br>15=1.5mm<br>16=1.6mm<br>17=1.7mm<br>20=2.0mm<br>25=2.5mm | Product Type<br>11=Single Row Single Housing | Pins<br>01~50P | Right Angle Type<br>R=90 degree | Surface Plating<br>SN=Tin120u"<br>MT=Plated soft tin<br>GF=Gold Flash<br>G1=Gold 1u"<br>G2=Gold 2u"<br>G3=Gold 3u"<br>G4=Gold 5u"<br>G5=Gold 8u"<br>G6=Gold 10u"<br>G7=Gold 15u"<br>G8=Gold 30u"<br>GA=Gold 1.5u"<br>S0=Half gold Tin | Housing Material<br>C=PA6T<br>E=PA9T<br>F=LCP | Housing Type<br>N=Normal | Pin Header<br>N=No | length<br>=H/2+PC+PB<br>+H+PA |

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|             |            |            |  |
|-------------|------------|------------|--|
| TOLERANCE   | PROJECTON  |            | TITLE:<br>PH 1.27 pin Header 90 degree Single Row Single Housing Right Angle |
| ANGLE ±5°   | DATE :     | 2013-10-09 |  |
| X.XXX ±0.10 | DRAWN :    |            | PART NO: PZ3XX11XXXRXXXNNXXX   |
| X.XX ±0.20  | CHECKED :  |            | DRAWING NO: PZ3XX11RXXX040   |
| X.X ±0.30   | APPROVED : |            | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4   |
| X. ±0.50    |            |            |  |