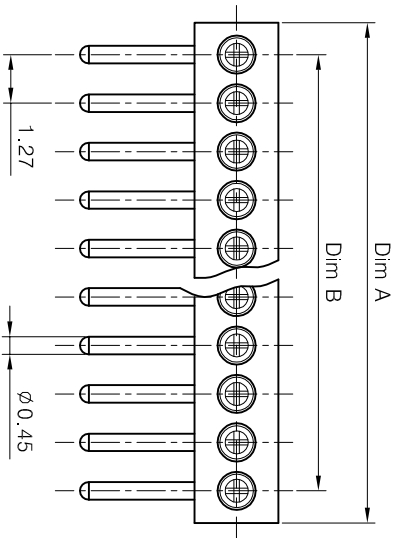


### Technical Specs:

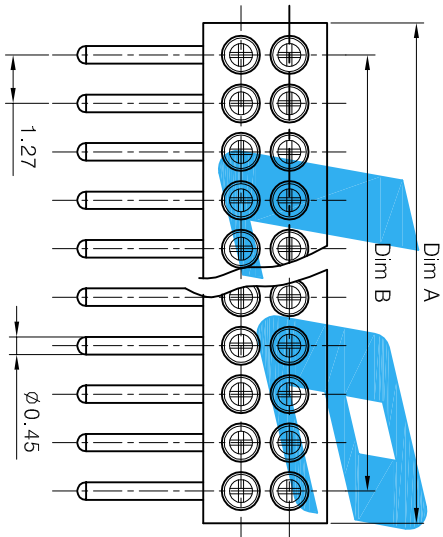
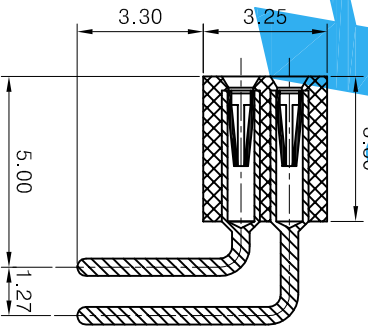
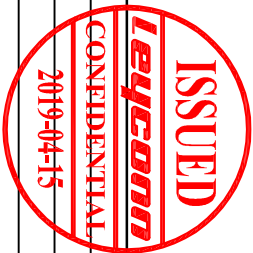
Insulator: Black glass filled polyester PPS-GF30-FR  
Flammability: UL 94V-O  
Sleeve: Brass CuZn36Pb3 (C36000)  
Contact clip (6 finger): Beryllium copper (C17200)  
Mechanical life: min 500 cycles  
Rated current: 1 A  
Contact resistance: max 20mΩ  
Dielectric strength: min 500 V RMS  
Mating pins: Outside Diameter 0.31 to 0.48 mm  
Forces: (polished steel gauge 0.38 mm)  
Insertion: 60g  
Withdrawal: 15g  
Pin Part Number: P171X630X0T-P1712X690X0T

| N=No. of contacts / per row |               |
|-----------------------------|---------------|
| Dim A                       | (1-50)        |
| Dim B                       | 1.27*(N+0.41) |
| Dim B                       | 1.27*(N-1)    |

### Part Number:

145 NN X 4 2 X 171

Pitch: 5-1.27mm (0.05in)  
Pin number of each row: 01 ~ 50 PIN  
Number of Rows: 1-Single Row 2-Double Row  
Insulator Height: 4 - 3.80 & 4.10mm  
Tail & Mounting Style: 2 - Right Angle solder pin  
Plated Code (Pin Sleeve / Contact Clip):  
0 - Tin / Tin  
1 - Tin / Gold Flash  
2 - Gold Flash / Gold Flash 1u"  
3 - Tin / 0.075um gold 3u"  
5 - Tin / 0.125um gold 5u"  
6 - Tin / 0.25um gold 10u"  
7 - Tin / 0.375um gold 15u"  
8 - Tin / 0.75um gold 30u"



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|-----|--|--|--|------------------|----|---------------------|-----|-------------|--|------------|--|
| E   |  |  |  | Units            | mm | Scale               | 5:1 | Drawing By  |  | Date       |  |
| D   |  |  |  | Tolerance Unless |    | Otherwise Specified |     | Lin-Wu      |  | 2019/04/15 |  |
| C   |  |  |  |                  |    |                     |     | Reviewed By |  | Date       |  |
| B   |  |  |  |                  |    | .X ~ ±0.30          |     | YP-Liang    |  | 2019/04/15 |  |
| A   |  |  |  |                  |    | .XX ~ ±0.25         |     | Approval By |  | Date       |  |
| REV |  |  |  |                  |    | .XXX ~ ±0.20        |     | Kirby-Xiao  |  | 2019/04/15 |  |
|     |  |  |  | Angle ~ ± 3°     |    |                     |     |             |  |            |  |
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