

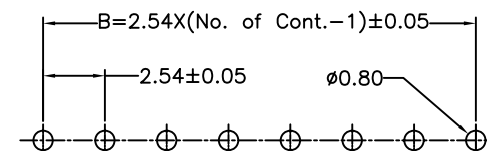
**Specifications**

Current Rating:3.0 Amps  
 Voltage Rating:100V AC/DC  
 Contact Resistance:10m Ohm. Max.  
 Insulator Resistance:5,000M Ohm. Min.  
 Withstanding Voltage:1,000V AC for One Minute  
 Operating Temperature Range:-40°C~+105°C  
 Material and Plated  
 Insulator:High Temp. Plastic(PPS UL94V-0)  
 Insulator Color:Black  
 Contact:Brass  
 Plated:Gold Plated

SP-D40x-1Xxx-LF  
 LEADFREE  
 T:TIN/PLATE  
 G:GOLD/PLATE

**Dimension:**

| Circuits | Dim.A | Dim.B | Circuits | Dim.A | Dim.B | Circuits | Dim.A | Dim.B | Circuits | Dim.A  | Dim.B |
|----------|-------|-------|----------|-------|-------|----------|-------|-------|----------|--------|-------|
| 2        | 5.08  | 2.54  | 12       | 30.48 | 27.94 | 22       | 55.88 | 53.34 | 32       | 81.28  | 78.74 |
| 3        | 7.62  | 5.08  | 13       | 33.02 | 30.48 | 23       | 58.42 | 55.88 | 33       | 83.82  | 81.28 |
| 4        | 10.16 | 7.62  | 14       | 35.56 | 33.02 | 24       | 60.96 | 58.42 | 34       | 86.36  | 83.82 |
| 5        | 12.70 | 10.16 | 15       | 38.10 | 35.56 | 25       | 63.50 | 60.96 | 35       | 88.90  | 86.36 |
| 6        | 15.24 | 12.70 | 16       | 40.64 | 38.10 | 26       | 66.04 | 63.50 | 36       | 91.44  | 88.90 |
| 7        | 17.78 | 15.24 | 17       | 43.18 | 40.64 | 27       | 68.58 | 66.04 | 37       | 93.98  | 91.44 |
| 8        | 20.32 | 17.78 | 18       | 45.72 | 43.18 | 28       | 71.12 | 68.58 | 38       | 96.52  | 93.98 |
| 9        | 22.86 | 20.32 | 19       | 48.26 | 45.72 | 29       | 73.66 | 71.12 | 39       | 99.06  | 96.52 |
| 10       | 25.40 | 22.86 | 20       | 50.80 | 48.26 | 30       | 76.20 | 73.66 | 40       | 101.60 | 99.06 |
| 11       | 27.94 | 25.40 | 21       | 53.34 | 50.80 | 31       | 78.74 | 76.20 |          |        |       |



PCB LAYOUT

**RoHS Compliant**



PART NO. SP-D40x-1Xxx

DWG NO. SP-D40x-1Xxx

CHECKED BY CY

TOLERANCES ARE

DESCRIP TION: 2.54mm Machine Pin Header Single Row

FILE NO.

DRAWING BY

.X ± 0.2  
.XX ± 0.1  
.XXX ±  
AWG

AREA

REVISIONS

HK

DATE

煜倫股份有限公司

UNIT / mm

SCALE 1:1

PROJECTION

