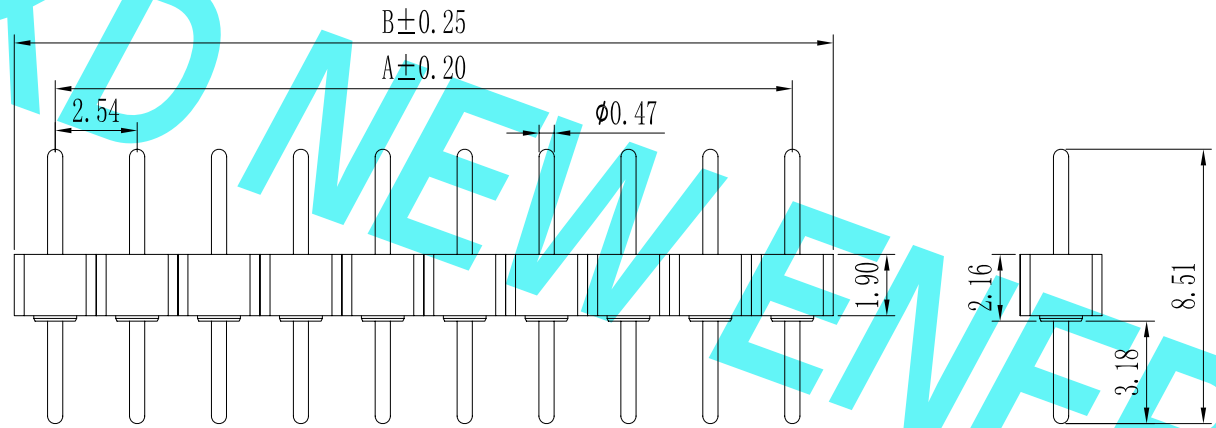
ROHS

For reference only

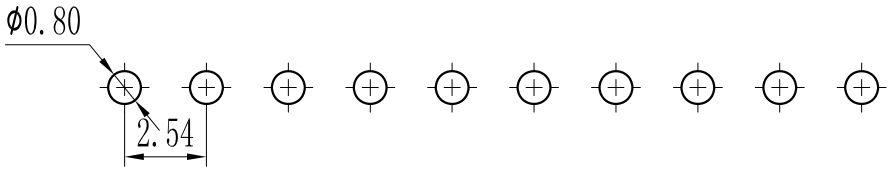
| Pin数 | 尺寸A | 尺寸B |
|---|---|---|
| 1 | - | 2.54 |
| 2 | 2.54 | 5.08 |
| 3 | 5.08 | 7.62 |
| 4 | 7.62 | 10.16 |
| 5 | 10.16 | 12.70 |
| 6 | 12.70 | 15.24 |
| 7 | 15.24 | 17.78 |
| 8 | 17.78 | 20.32 |
| 9 | 20.32 | 22.86 |
| 10 | 22.86 | 25.40 |
| 11 | 25.40 | 27.94 |
| 12 | 27.94 | 30.48 |
| 13 | 30.48 | 33.02 |
| 14 | 33.02 | 35.56 |
| 15 | 35.56 | 38.10 |
| 16 | 38.10 | 40.64 |
| 17 | 40.64 | 43.18 |
| 18 | 43.18 | 45.72 |
| 19 | 45.72 | 48.26 |
| 20 | 48.26 | 50.80 |
| 21 | 50.80 | 53.34 |
| 22 | 53.34 | 55.88 |
| 23 | 55.88 | 58.42 |
| 24 | 58.42 | 60.96 |
| 25 | 60.96 | 63.50 |
| 26 | 63.50 | 66.04 |
| 27 | 66.04 | 68.58 |
| 28 | 68.58 | 71.12 |
| 29 | 71.12 | 73.66 |
| 30 | 73.66 | 76.20 |
| 31 | 76.20 | 78.74 |
| 32 | 78.74 | 81.28 |
| 33 | 81.28 | 83.82 |
| 34 | 83.82 | 86.36 |
| 35 | 86.36 | 88.90 |
| 36 | 88.90 | 91.44 |
| 37 | 91.44 | 93.98 |
| 38 | 93.98 | 96.52 |
| 39 | 96.52 | 99.06 |
| 40 | 99.06 | 101.60 |




Specification:
Current Rating : 3AMP
Temperature Range : -40℃to+105℃
Contact Resistance : 20mΩ Max
Insulation Resistance : 1000MΩ Min
Withstanding Voltage : AC 1000V
Material:
Insulator : Polyester (UL94V-0)
Standard:PBT/PA6T/LCP
Contact: Brass
Plating : Au or Sn Over 50u″ Ni

KD NEW ENERGY

PCB LAYOUT




R 25 0D-XXX X X-XX-X-XXX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No:
P=Pin Header
F=Female Header
B=Box Header
E=Ejector Header
R=Round Pin

② Pitch:
08=0.80
10=1.00
12=1.27
20=2.00
25=2.54
39=3.96
50=5.08

③ Tail&Mounting Style:
9D=Right Angle DIP Type
9S=Straight SMT Type
0D=Straight DIP Type
0S=Horizontal SMT Type

④ No. of Pins:
Single Row / Double Row
101=1*1Pin / 201=2*1Pin
102=1*2Pin / 202=2*2Pin
⋮ ⋮ / ⋮ ⋮
140=1*40pin / 240=2*40pin

⑤ Insulator Color:
A:Black B:Brown C:Red
D:Orange E:Yellow F:Green
G:Blue H:Violet J:Gray
K:White P:Light Blue

⑥ Material Type:
A-PBT
B-PA46
C-PA6T
D-PA9T
E-LCP

⑦ Plating Type:
0*-Sn-Au 1*-Ni 2*-Sn 3*-Matte-Tin 5*-Au
0A-Sn-Au 1u″ 0F-Sn-Au 10u″ 5A-Au 1u″
0B-Sn-Au 2u″ 0G-Sn-Au 15u″ 5B-Au 2u″
0C-Sn-Au 3u″ 0H-Sn-Au 30u″ 5C-Au 3u″
0D-Sn-Au 4u″ 0I-Sn-Au 40u″ ⋮
0E-Sn-Au 5u″ 0J-Sn-Au 50u″ 5J-Au 50u″

⑧ RoHS Request:
0:No Request
1:RoHS
2:HF(Halogen Free)

⑨ Customer Code

| REV. | REVISION RECORD | DATE |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

UNIT: MM
SIZE: A4

| GENERAL TOLERANCES | |
|---|---|
| LINEAR | ANGLES |
| 0.0±0.25 | X° REF±6° |
| 0.00±0.15 | X° ±3° |
| 0.000±0.08 | X° X'±2° |

| SCALE: 1:1 | NAME | DATE |
|---|---|---|
| APPROVED | | |
| DESIGNER | | |
| DRAWN | | |

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TITLE:
Pitch2.54mm Round Pin, Single Row,
Plastic Height 1.9mm, DIP

PART. NO: KDRH-0045
DWG. NO: ENDE4045
REV: A0
SHEET: 1/1