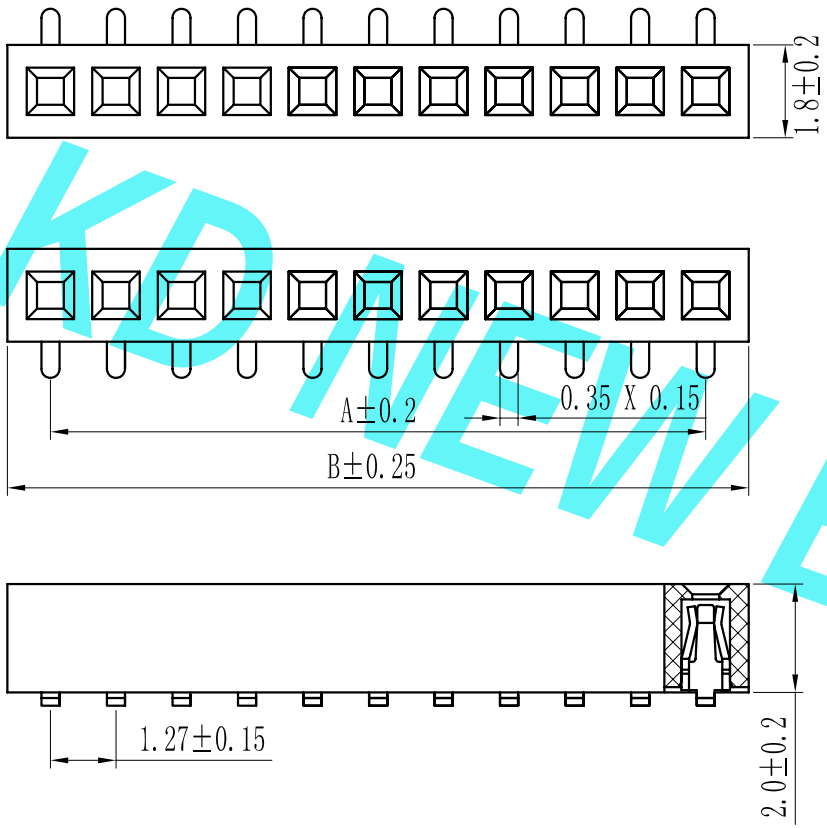
ROHS

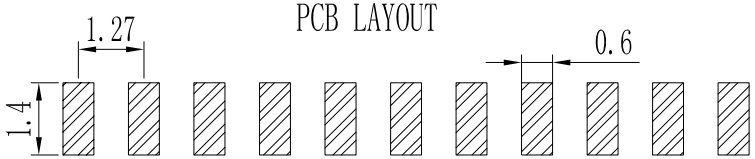
For reference only

Pin数	尺寸A	尺寸B
1×2	1.27	2.94
1×3	2.54	4.21
1×4	3.81	5.48
1×5	5.08	6.75
1×6	6.35	8.02
1×7	7.62	9.29
1×8	8.89	10.56
1×9	10.16	11.83
1×10	11.43	13.10
1×11	12.70	14.37
1×12	13.97	15.64
1×13	15.24	16.91
1×14	16.51	18.18
1×15	17.78	19.45
1×16	19.05	20.72
1×17	20.32	21.99
1×18	21.59	23.26
1×19	22.86	24.53
1×20	24.13	25.80
1×21	25.40	27.07
1×22	26.67	28.34
1×23	27.94	29.61
1×24	29.21	30.88
1×25	30.48	32.15
1×26	31.75	33.42
1×27	33.02	34.69
1×28	34.29	35.96
1×29	35.56	37.23
1×30	36.83	38.50
1×31	38.10	39.77
1×32	39.37	41.04
1×33	40.64	42.31
1×34	41.91	43.58
1×35	43.18	44.85
1×36	44.45	46.12
1×37	45.72	47.39
1×38	46.99	48.66
1×39	48.26	49.93
1×40	49.53	51.20
1×41	50.80	52.47
1×42	52.07	53.74
1×43	53.34	55.01
1×44	54.61	56.28
1×45	55.88	57.55
1×46	57.15	58.82
1×47	58.42	60.09
1×48	59.69	61.36
1×49	60.96	62.63
1×50	62.23	63.90



Specification:
Current Rating : 1AMP
Temperature Range : -40℃to+105℃
Contact Resistance : 20mΩ Max
Insulation Resistance : 1000MΩ Min
Withstanding Voltage : AC 500V
Material:
Insulator : Polyester (UL94V-0)
Standard:PA6T/LCP
Contact: Bronze
Plating : Au or Sn Over 50u″ Ni

PCB LAYOUT



F 12 9S-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

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:
Pitch1.27mm Female Header, Single Row, Plastic Height 2.0mm, SMT Type(U)

PART. NO: KDFH-0019
DWG. NO: ENDE1019
REV: A0
SHEET: 1/1

KD NEW ENERGY