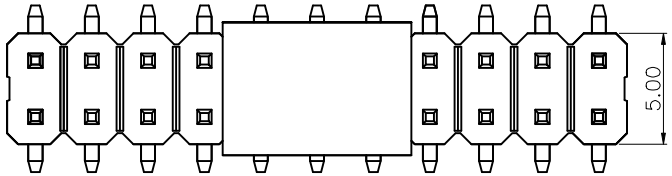
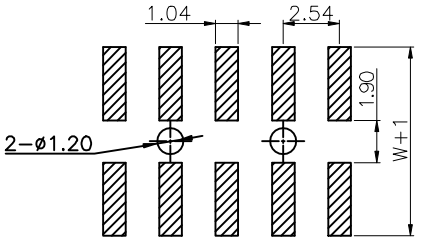
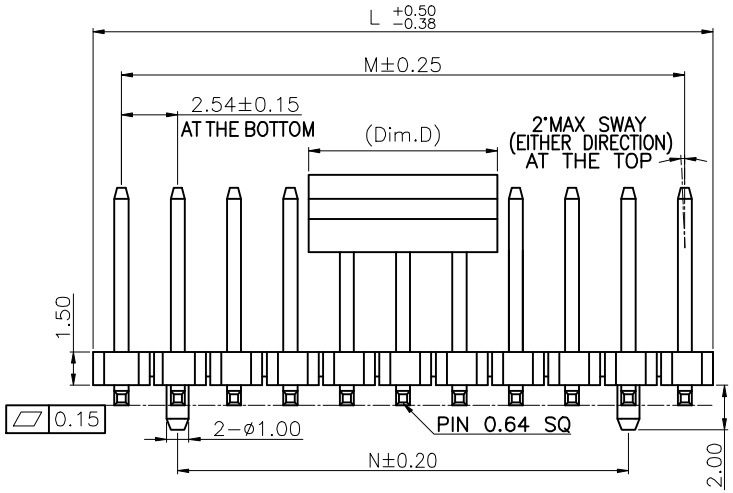
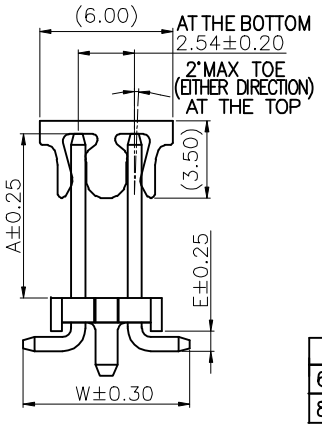


Recommended P.C.Board Layout
(Tolerance:±0.05)



Specifications
Current Rating:3Amp
Insulation Resistance:1000MΩMin.
Dielectric Withstanding Voltage:600VAC
Contact Resistance:20mΩMax.
Operating Temperature:−55°C to +125°C
Materials
Contact Material:Copper alloy
High Temperture Thermoplastic:Suitable for Reflow Soldering Process UL 94V−0
(LCP,NylonHTN,Nylon10T)
All materials must meet NGREENC requirement for environment protection.





Dim.D	NOTE
6.00mm	04~08Pins
8.50mm	09~40pins

No. of PIN/ROW	Dimension Information M	L	N
04	7.62	10.16	2.54
05	10.16	12.70	5.08
06	12.70	15.24	7.62
07	15.24	17.78	10.16
08	17.78	20.32	12.70
09	20.32	22.86	15.24
10	22.86	25.40	17.78
11	25.40	27.94	20.32
12	27.94	30.48	22.86
13	30.48	33.02	25.40
14	33.02	35.56	27.94
15	35.56	38.10	30.48
16	38.10	40.64	33.02
17	40.64	43.18	35.56
18	43.18	45.72	38.10
19	45.72	48.26	40.64
20	48.26	50.80	43.18
21	50.80	53.34	45.72
22	53.34	55.88	48.26
23	55.88	58.42	50.80
24	58.42	60.96	53.34
25	60.96	63.50	55.88
26	63.50	66.04	58.42
27	66.04	68.58	60.96
28	68.58	71.12	63.50
29	71.12	73.66	66.04
30	73.66	76.20	68.58
31	76.20	78.74	71.12
32	78.74	81.28	73.66
33	81.28	58.42	76.20
34	83.82	83.82	78.74
35	86.36	88.90	81.28
36	88.90	91.44	83.82
37	91.44	93.98	86.36
38	93.98	96.52	88.90
39	96.52	99.06	91.44
40	99.06	101.60	93.98

Ordering Information

G PHC203 − XX XX X XXX C 1 A X

- Plastic specifications: 1=Single row, 2=Dual row, 3=Tripe row, 4=Quadruple
- Water code
- No. of Pins per Row: 02~40
- Plating code: 01=Tin, 02=Gold Flash, 05=Gold Flash/Tin, 22=Matte Tin
- Positioning column information: A=No locating post, B=Round post, C=Square post
- Pin length: See the drawing
- Insulator Material: R=Nylon(Halogen Free), C=LCP
- Color: 1=Black, 2=White, 3=Yellow, E=Beige
- Contact Material: A/S/K/T=Phosphor Bronze, B/Z/H/W=Brass
- Packing code: C=Tube, D=Tape&Reel, E=Cap+Tube, F=Cap+Tape&Reel

Greenconn
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E−mail:sales@greenconn.com

REV.	UNIT.	SCALE.	3RD.ANG PROJ.	PAGE.
A	mm	3:1		1/1

GENERAL TOLERANCE	
X.°±5.0°	X.±0.30
.X°±3.0°	.X±0.25
.XX°±2.0°	.XX±0.15
.XXX°±1.0°	.XXX±0.10

DESIGNED:	DATE:
CHECKED:	DATE:
APPROVED:	DATE:

DWG. NO. GPHC203−Series
PART NO. GPHC203−Series

TITLE. 2.54 PIN HEADER DUAL ROWS SMT TYPE CONNECTOR