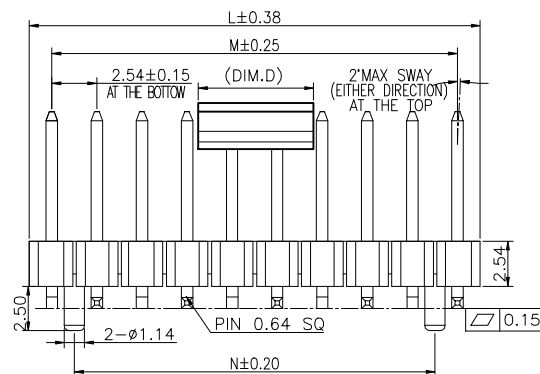
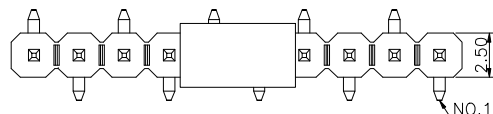
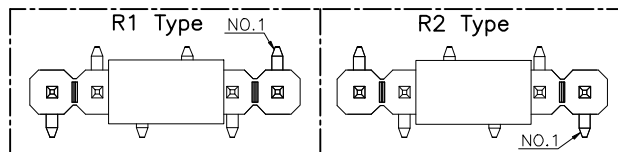
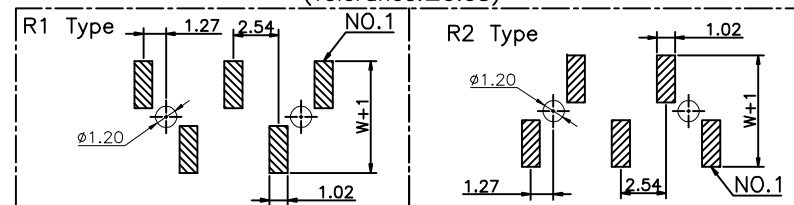


Recommended P.C.Board Layout (Tolerance:±0.05)



Specifications

Current Rating:3.0Amp

Insulation Resistance:1000MΩMin.

Dielectric Withstanding Voltage:600VAC

Contact Resistance:20mΩMax.

Operating Temperature:-55°C to +125°C

Materials

Contact Material:

Brass(Pin length less than 25mm)

Phosphor Bronze(The total length of pin is more than 25mm)

Insulator Material:

Nylon(High temperature resistance),

LCP(High temperature resistance),

UL 94V-0

All materials must meet Greenconn hazardous substances control standards.

No. of PIN/ROW	Dimension Information		
	M	L	N
02	2.54	5.08	
03	5.08	7.62	2.54
04	7.62	10.16	5.08
05	10.16	12.70	7.62
06	12.70	15.24	10.16
07	15.24	17.78	12.70
08	17.78	20.32	15.24
09	20.32	22.86	17.78
10	22.86	25.40	20.32
11	25.40	27.94	22.86
12	27.94	30.48	25.40
13	30.48	33.02	27.94
14	33.02	35.56	30.48
15	35.56	38.10	33.02
16	38.10	40.64	35.56
17	40.64	43.18	38.10
18	43.18	45.72	40.64
19	45.72	48.26	43.18
20	48.26	50.80	45.72
21	50.80	53.34	48.26
22	53.34	55.88	50.80
23	55.88	58.42	53.34
24	58.42	60.96	55.88
25	60.96	63.50	58.42
26	63.50	66.04	60.96
27	66.04	68.58	63.50
28	68.58	71.12	66.04
29	71.12	73.66	68.58
30	73.66	76.20	71.12
31	76.20	78.74	73.66
32	78.74	81.28	76.20
33	81.28	83.82	78.74
34	83.82	86.36	81.28
35	86.36	88.90	83.82
36	88.90	91.44	86.36
37	91.44	93.98	88.90
38	93.98	96.52	91.44
39	96.52	99.06	93.98
40	99.06	101.60	96.52

Ordering Information

G PHC109 - XX XX B XXX X

Plastic specifications
1=Single row
2=Dual row
3=Tripe row
4=Quadruple

Water code

No. of Pins per Row
02~40

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

Dim.D	NOTE
5.00mm	02Pins
6.50mm	03~40Pins



Website:www.greenconn.com
E-mail:sales@greenconn.com

REV. A UNIT. mm SCALE. 4:1

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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:

CHECKED:

APPROVED:

DATE:

DATE:

DATE:

DWG. NO.

GPHC109-Series

PART NO.

GPHC109-Series

TITLE.

2.54 PIN HEADER
SINGLE ROW SMT TYPE
CONNECTOR