

☆☆☆ 109 Series ☆☆☆

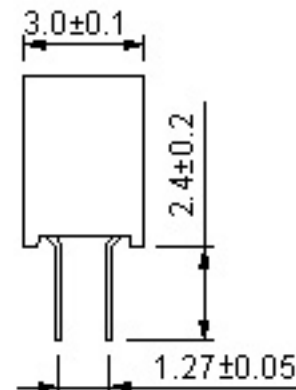
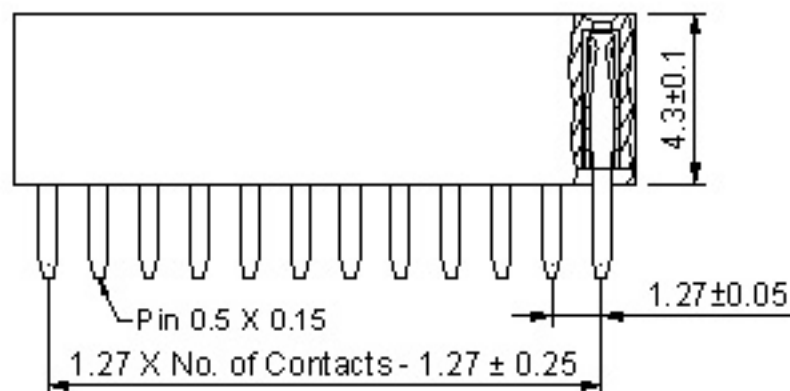
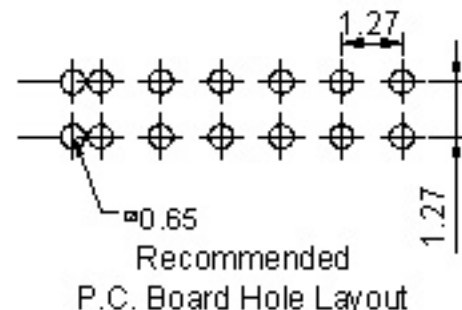
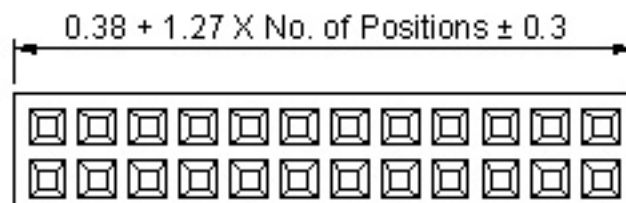
P/N: W109V**GF2

Specifications

Current Rating : 1 Amp
 Insulator Resistance : 1000 Megohms min.
 Contact Resistance : 20 m ohms max.
 Dielectric Withstanding : AC 300V
 Operating Temperature : -40°C ~ +105°C
 Contact Material : Phosphor Bronze
 Insulator Material : Polyester, UL 94V-0 LCP
 Contact Plated : See Option
 Standard: Full Gold Flash

RoHS Compliant

REVISIONS					
REV	ECN	DESCRIPTION	DATE	DRAWN	APPROVED
B					
C					



NORMAL DIMENSION TOLERANCE				UNITS	mm	THIRD ANGLE PROJECTION	TITLE	Wafer
X	±0.50	X	±5°	SCALE	1:1		DWG NO.	W109V**GF2
X	±0.20	X	±2°	MATERIAL			DRAWN	Prq 2008 12 11
XX	±0.10	XX	±1°	HEATMENT			CHECKED	
SIZE	A4	REV	A	QUANTITY		SHEET	1 OF 1	APPROVED

☆☆☆ 109 Series ☆☆☆

RoHS Compliant

REV		REVISIONS			
REV	ECN	DESCRIPTION	DATE	DRAWN	APPROVED
B					
C					

P/N: W109H**G01

Specifications

Current Rating : 1 Amp

Insulator Resistance : 1000 Megohm s min.

Contact Resistance : 20 m ohms max.

Dielectric Withstanding : AC 300V

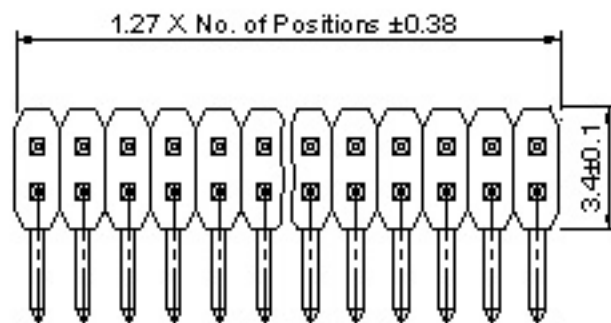
Operating Temperature : -40°C ~ +105°C

Contact Material : Brass

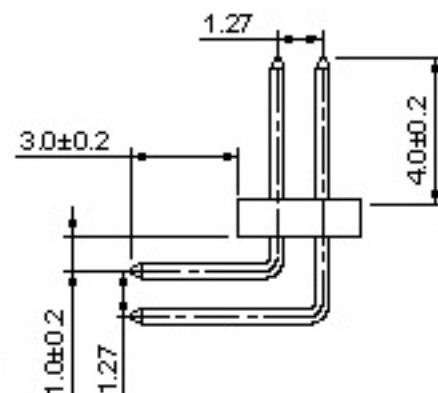
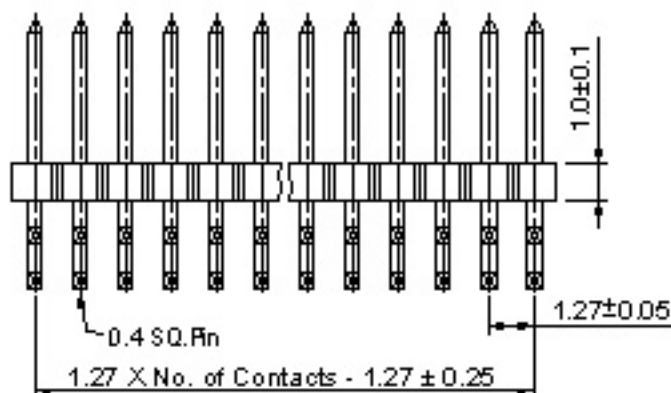
Insulator Material : Polyester, UL 94V-0 Nylon-6T

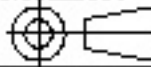
Contact Plated : See Option

Standard: Full Gold Flash



Recommended
P.C. Board Hole Layout



NORMAL DIMENSION TOLERANCE				UNITS	mm	THIRD ANGELE PROJECTION	TITLE	Wafec
X	±0.50	X	±5'	SCALE	1:1		DWG NO.	W109H**G01
X	±0.20	X	±2'	MATERIAL			DRAWN	Eng 2008.12.11
XX	±0.10	XX	±1'	HEATMENT			CHECKED	
SIZE	A4	REV	A	QUANTITY		SHEET	1 OF 1	APPROVED

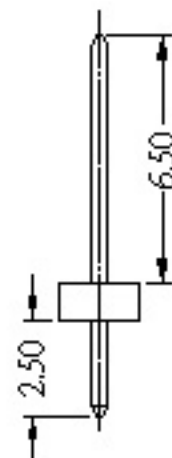
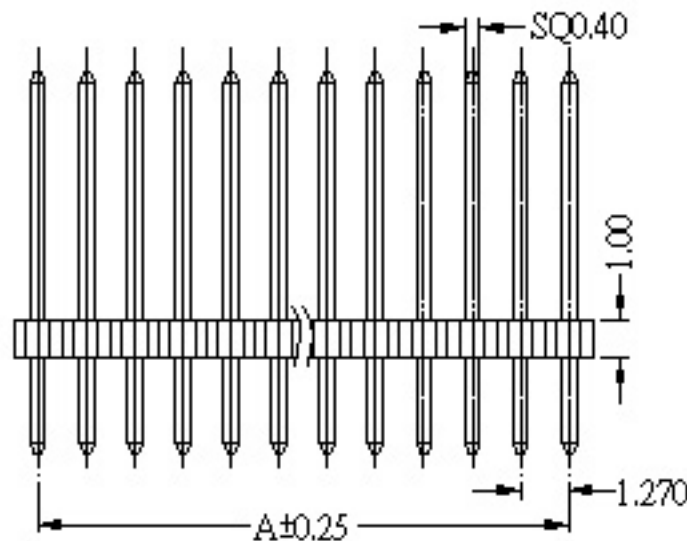
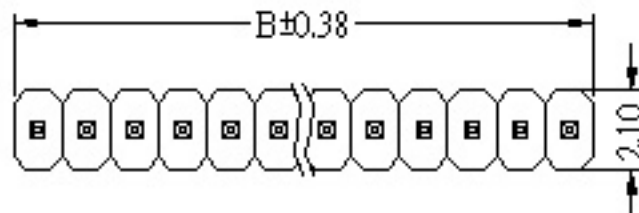
☆☆☆ 109 Series ☆☆☆

RoHS Compliant

P/N: W109V**G01
 Available: 01~40pins
 Insulator: Nylon 6T or 46 UL 94V-0
 Conductor: Brass/Gold Flash
 Pin:SQ0.4*10mm

REVISIONS

REV	ECN	DESCRIPTION	DATE	DRAWN	APPROVED
B					
C					



CIRCUITS	Part No.	Dim A	Dim B
1	W109V01G01	1.27	1.27
2	W109V02G01	1.27	2.54
3	W109V03G01	2.54	3.81
4	W109V04G01	3.81	5.08
5	W109V05G01	5.08	6.35
6	W109V06G01	6.35	7.62
7	W109V07G01	7.62	8.89
8	W109V08G01	8.89	10.16
9	W109V09G01	10.16	11.43
10	W109V10G01	11.43	12.70
11	W109V11G01	12.70	13.97
12	W109V12G01	13.97	15.24
13	W109V13G01	15.24	16.51
14	W109V14G01	16.51	17.78
15	W109V15G01	17.78	19.05
16	W109V16G01	19.05	20.32
17	W109V17G01	20.32	21.59
18	W109V18G01	21.59	22.86
19	W109V19G01	22.86	24.13
20	W109V20G01	24.13	25.40

CIRCUITS	Part No.	Dim A	Dim B
21	W109V21G01	25.40	26.67
22	W109V22G01	26.67	27.94
23	W109V23G01	27.94	29.21
24	W109V24G01	29.21	30.48
25	W109V25G01	30.48	31.75
26	W109V26G01	31.75	33.02
27	W109V27G01	33.02	34.29
28	W109V28G01	34.29	35.56
29	W109V29G01	35.56	36.83
30	W109V30G01	36.83	38.10
31	W109V31G01	38.10	39.37
32	W109V32G01	39.37	40.64
33	W109V33G01	40.64	41.91
34	W109V34G01	41.91	43.18
35	W109V35G01	43.18	44.45
36	W109V36G01	44.45	45.72
37	W109V37G01	45.72	46.99
38	W109V38G01	46.99	48.26
39	W109V39G01	48.26	49.53
40	W109V40G01	49.53	50.80

TCE 上廣電子(惠州)有限公司
 Top conn electrical (HuiZhou) co.,ltd

NORMAL DIMENSION TOLBRANCE

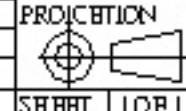
X ±0.30 X' ±2'
 XX ±0.20
 XXX ±0.10

SIZE A4 REV A

UNITS

SCALE 1:1
 MATERIAL
 TREATMENT
 QUANTITY

THIRD ANGLE PROJECTION



TITLE

DWG NO
 DRAWN
 CHECKED
 APPROVED

Wafer

W109V**G01
 Eng 2008.06.10

☆☆☆ 109 Series ☆☆☆

P/N: W109V**GC0

Material: Nylon 6T, UL 94V-0

Conductor: Brass, Gold-Flash

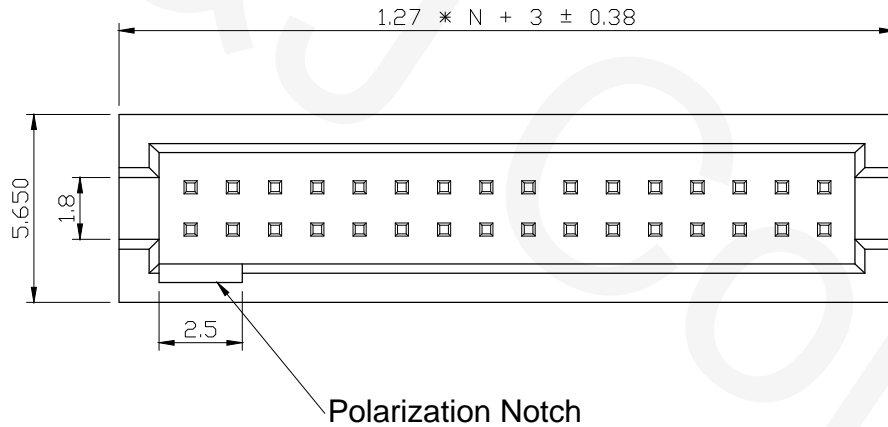
Current Rating: 1A AC/DC

Contact Resistance: 20mΩ Max.

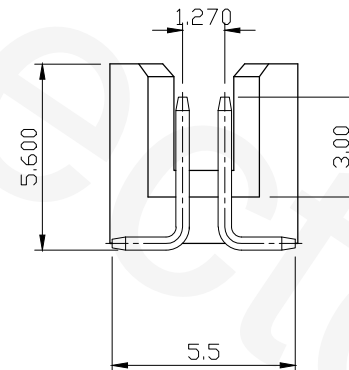
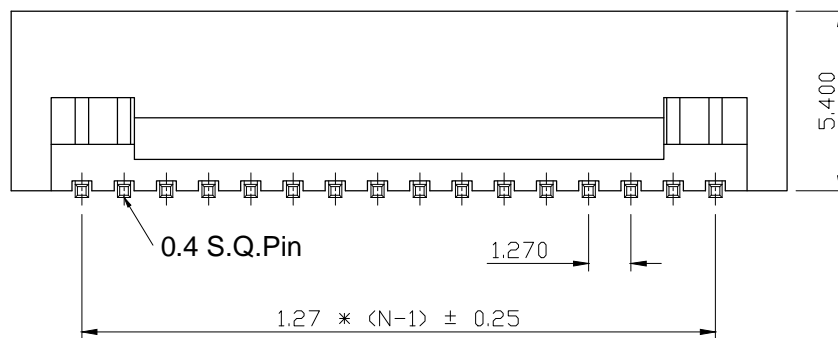
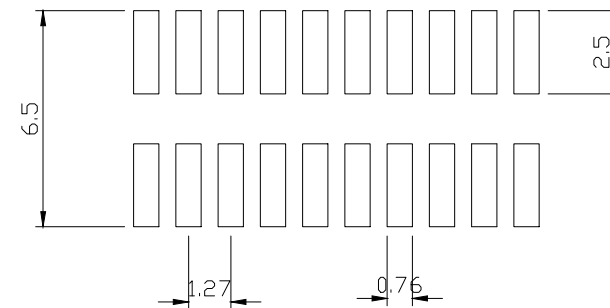
Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: 300V AC/minute

Operating Temperature Range: -40°~105°C



RECOMMENDED P.C.BOARD HOLE DIMM.



TITLE
.050"(1.27mm) Dual Row SMT H:5.4mm Box Header

.x ±0.30 x° ±2°
.xx ±0.20 DIMENSION
.xxx ±0.10 TOLERANCE

P/N	W109V**GC0	CHECKED	David	UNIT	mm	DATE	2013/10/20
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

RoHS Compliant

@ <http://www.cnj.tw/>

☆☆☆ 109 Series ☆☆☆

RoHS Compliant

P/N: W109V**GF1

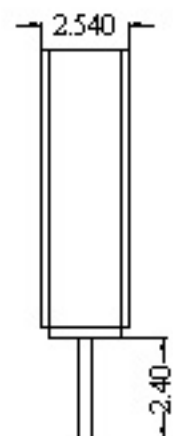
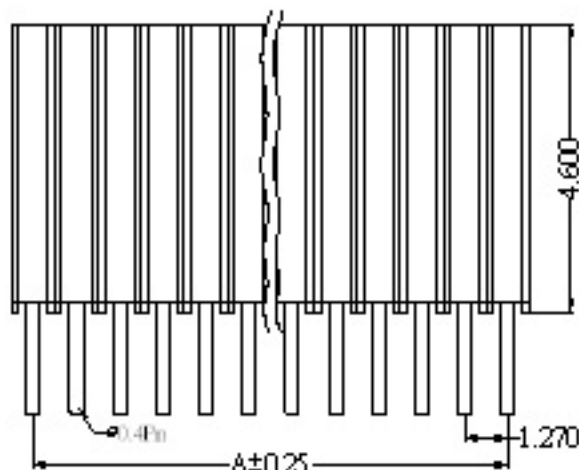
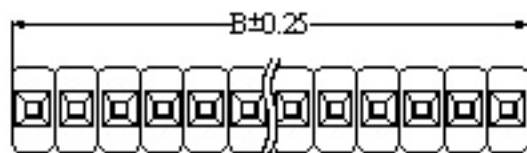
Available: 02-35pin

Insulator: Polyester, UL 94V-0 Nylon-6T

Conductor: Brass/Gold Flash


REVISIONS

REV	ECN	DESCRIPTION	DATE	DRAWN	APPROVED
B					
C					



CIRCUITS	Part No.	Dim.A	Dim.B
2	W109V02GPI	1.27	2.54
3	W109V03GPI	2.54	3.81
4	W109V04GPI	3.81	5.08
5	W109V05GPI	5.08	6.35
6	W109V06GPI	6.35	7.62
7	W109V07GPI	7.62	8.89
8	W109V08GPI	8.89	10.16
9	W109V09GPI	10.16	11.43
10	W109V10GPI	11.43	12.70
11	W109V11GPI	12.70	13.97
12	W109V12GPI	13.97	15.24
13	W109V13GPI	15.24	16.51
14	W109V14GPI	16.51	17.78
15	W109V15GPI	17.78	19.05
16	W109V16GPI	19.05	20.32
17	W109V17GPI	20.32	21.59

CIRCUITS	Part No.	Dim.A	Dim.B
18	W109V18GPI	21.59	22.86
19	W109V19GPI	22.86	24.13
20	W109V20GPI	24.13	25.40
21	W109V21GPI	25.40	26.67
22	W109V22GPI	26.67	27.94
23	W109V23GPI	27.94	29.21
24	W109V24GPI	29.21	30.48
25	W109V25GPI	30.48	31.75
26	W109V26GPI	31.75	33.02
27	W109V27GPI	33.02	34.29
28	W109V28GPI	34.29	35.56
29	W109V29GPI	35.56	36.83
30	W109V30GPI	36.83	38.10
31	W109V31GPI	38.10	39.37
32	W109V32GPI	39.37	40.64
33	W109V33GPI	40.64	41.91
34	W109V34GPI	41.91	43.18
35	W109V35GPI	43.18	44.45

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NORMAL DIMENSION TOLERANCE

X ±0.30 X' ±2'
XX ±0.20
XXX ±0.10

SIZE	A4	REV	A

UNITS

SCALE	1:1
MATERIAL	
FINISH	
QUANTITY	

THIRD ANGLE PROJECTION

	
SHEET	1 OF 1

TITLE

DWG NO	W109V**GPI
DRAWN	Png20080618
CHECKED	
APPROVED	

Wafer

W109V**GPI
Png20080618