

■ SPECIFICATIONS

- Voltage Rating : 50V AC/DC
- Current Rating : 1A AC/DC
- Withstanding Voltage : 500V AC /minute
- Insulation Resistance : 100MΩ min
- Temperature Range : - 25°C to + 85°C
- Contact Resistance : 20mΩ max

■ RECEPTACLE HOUSING

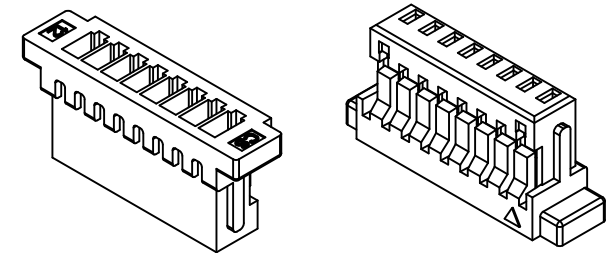
- Part No. : GJS-12532XX-XX

① Logo

- Blank: 有"CS" Logo
- WL: 无"CS" Logo

② Poles : 02 - 20

- Material : Nylon 66 UL94V-0
- Use With: GJS-12532XX-TX Terminal



POLES	DIMENSIONS			POLES	DIMENSIONS		
	A	B	C		A	B	C
02	1.00	5.00	2.40	12	11.00	15.00	12.40
03	2.00	6.00	3.40	13	12.00	16.00	13.40
04	3.00	7.00	4.40	14	13.00	17.00	14.40
05	4.00	8.00	5.40	15	14.00	18.00	15.40
06	5.00	9.00	6.40	16	15.00	19.00	16.40
07	6.00	10.00	7.40	17	16.00	20.00	17.40
08	7.00	11.00	8.40	18	17.00	21.00	18.40
09	8.00	12.00	9.40	19	18.00	22.00	19.40
10	9.00	13.00	10.40	20	19.00	23.00	20.40
11	10.00	14.00	11.40				

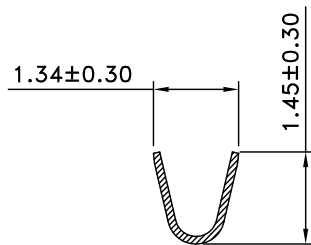
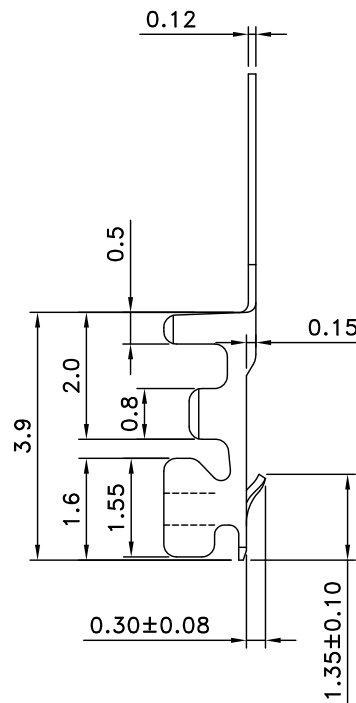
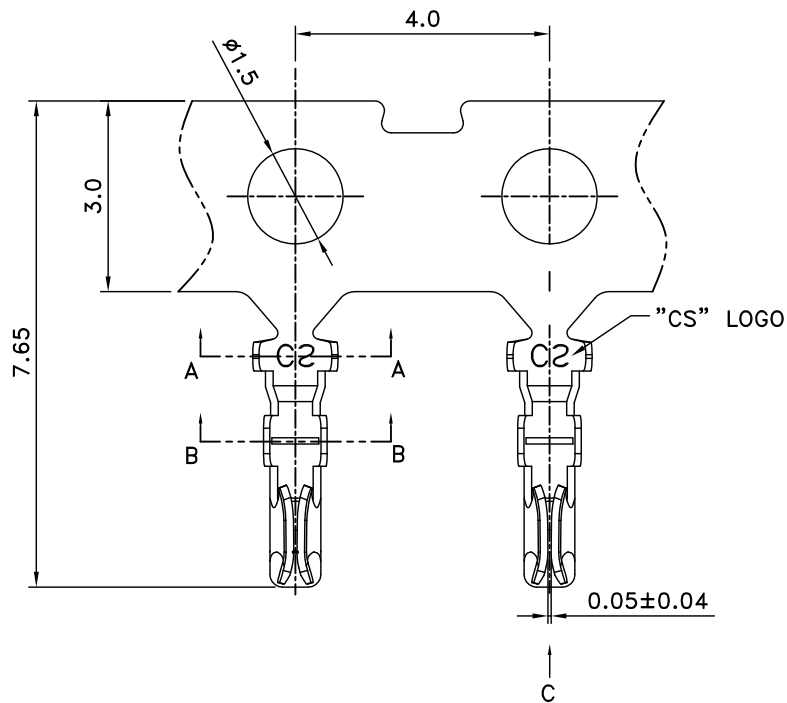


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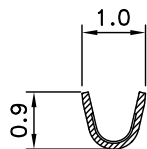
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CHECKED BY	PROJ	VER NO.	.00 ±0.20	△				△			
劉娜	☉	☐	.000 ±0.10	△				△			
DRAWN BY	DATE	SIZE	ANGLE	△					CUSTOMER		
曾慶根	2022/06/08	A4	0° ±1°	△					Conforms to The RoHS Instruction		
			.0° ±	△							
			SHEET 1/1	△							

PART NO GJS-12532XX-XX

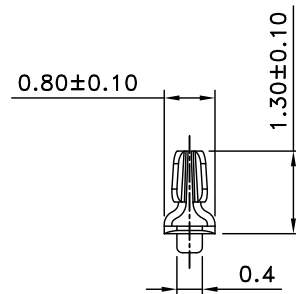
1.00mm Crimp Style Connectors Receptacle Housing



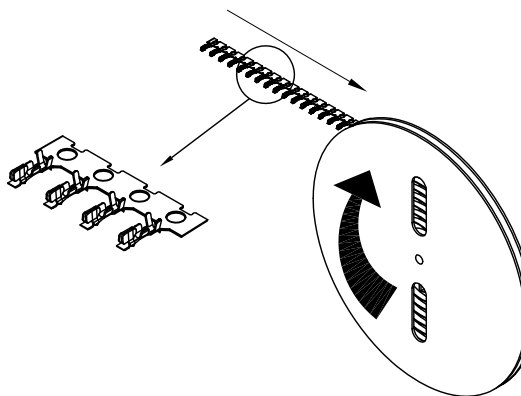
Section A-A



Section B-B



View C



產品收料圖

■ SPECIFICATIONS

- Voltage Rating : 50V AC/DC
- Current Rating : 1A AC/DC
- Withstanding Voltage : 500V AC /minute
- Insulation Resistance : 100MΩ min
- Temperature Range : - 25°C to + 85°C
- Contact Resistance : Initial Value : 20mΩ max
After Environmental Testing : 40mΩ max

■ TERMINAL

- Part No. : GJS-12532XX-TP X
① ②

① Logo

Blank: 有"CS" Logo

WL: 无"CS" Logo

② Plated :

Blank: Tin Plated (Standard Type)

G : Gold Flash

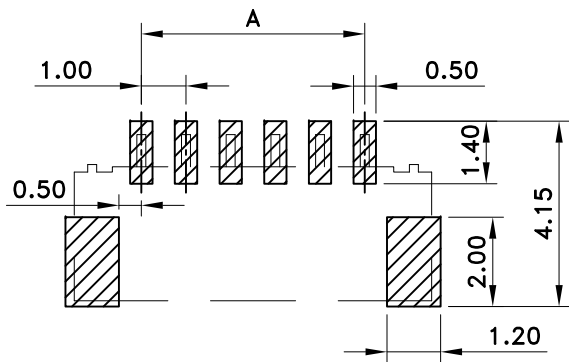
- Applicable Wires : AWG# 28 - 32
- Material : Phosphor Bronze (先冲后鍍)
- Thickness : 0.12mm
- Q' ty : 20,000 Pcs./Reel
- Mates With: GJS-12532-XXX Housing



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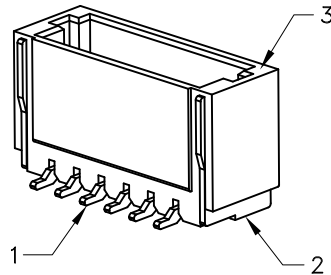
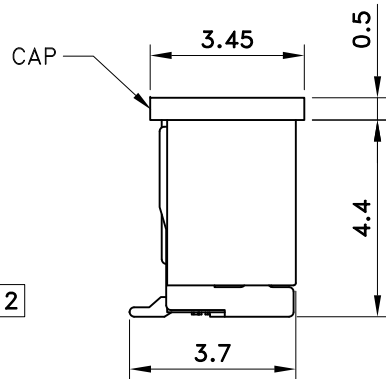
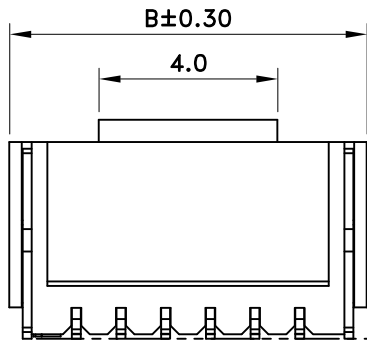
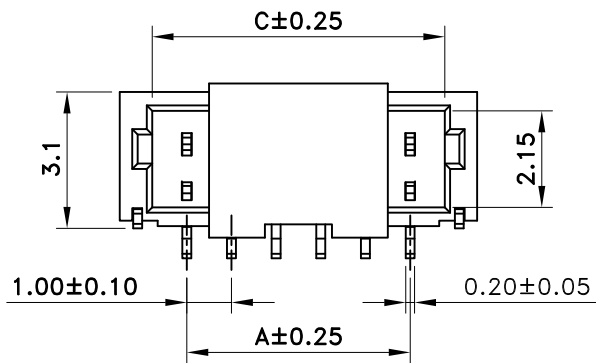
APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
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CHECKED BY	PROJ	VER NO.	.00 ±0.20	△				△			
劉娜	☉	a1	.000 ±0.10	△				△			
DRAWN BY	DATE	SIZE	ANGLE	△					CUSTOMER		
曾慶根	2022/5/19	A4	0° ±1°	△					Conforms to The RoHS Instruction		
			.0° ±	△							
			SHEET 1/1	△							

PART NO GJS-12532XX-TPX
1.00mm Crimp Style Connectors Terminal



RECOMMEND PCB LAYOUT

General tolerance ± 0.05



■ **SPECIFICATIONS**

- Current Voltage : 50V AC/DC
- Current Rating : 1 A AC/DC
- Withstanding Voltage : 500V AC/minute
- Insulation Resistance : 100M Ω min
- Temperature Range : - 25 $^{\circ}$ C to + 105 $^{\circ}$ C
- Contact Resistance : 20m Ω max

■ **WAFER (SMT Type)**

- Part No. : GJS-12541-XX (XX) X
① ② ③

Code No :

- ① Poles : 02~20
- ② Plated :
Blank : Matte Tin Plated(霧錫)
G : Contact : Gold Plated(普金)
(Solder Tab:Matte Tin Plated)
- ③ Base Color :
Blank : Nature
BK : Black

• Material :

1. Contact : Phosphor Bronze
2. Solder Tab : Phosphor Bronze
3. Base : LCP UL94V-0
4. CAP : LCP UL94V-0

• Q' ty : 1500 Pcs/Reel

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	1.00	4.00	2.45	12	11.00	14.00	12.45
03	2.00	5.00	3.45	13	12.00	15.00	13.45
04	3.00	6.00	4.45	14	13.00	16.00	14.45
05	4.00	7.00	5.45	15	14.00	17.00	15.45
06	5.00	8.00	6.45	16	15.00	18.00	16.45
07	6.00	9.00	7.45	17	16.00	19.00	17.45
08	7.00	10.00	8.45	18	17.00	20.00	18.45
09	8.00	11.00	9.45	19	18.00	21.00	19.45
10	9.00	12.00	10.45	20	19.00	22.00	20.45
11	10.00	13.00	11.45				



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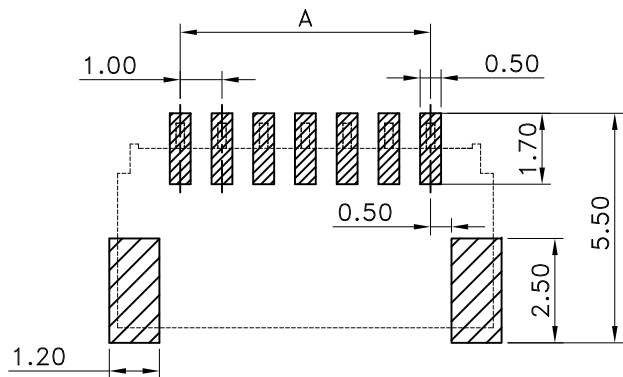
APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ± 0.30	Δ				Δ			
CHECKED BY	PROJ	VER NO.	.00 ± 0.20	Δ				Δ			
劉娜	\oplus	a0	.000 ± 0.10	Δ				Δ			
DRAWN BY	DATE	SIZE	ANGLE	Δ				Δ			
曾慶根	2022/09/21	A4	0 $^{\circ}$ $\pm 1^{\circ}$	Δ				Δ			
			.0 $^{\circ}$ \pm	Δ				Δ			
			SHEET 1/1	Δ				Δ			

PART NO GJS-12541-XX

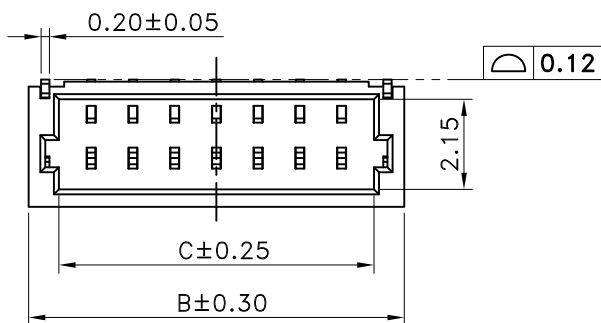
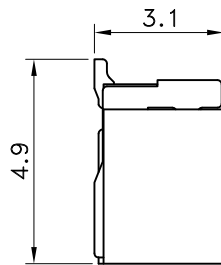
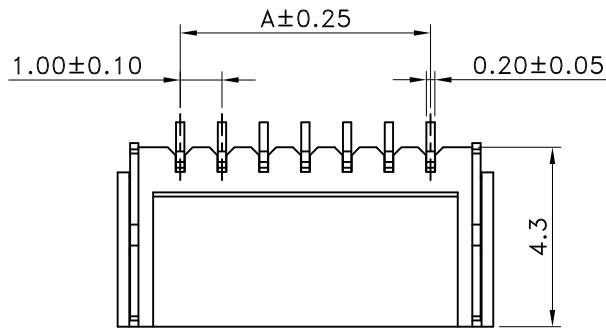
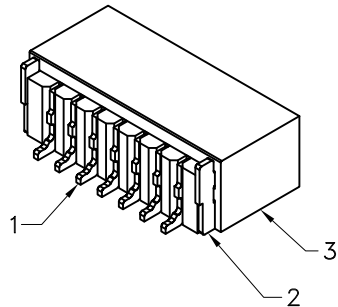
1.00mm WIRE TO BOARD CONNECTOR, SMT & STRAIGHT

CUSTOMER

Conforms to The RoHS Instruction



Recommended PCB Layout
General tolerance ± 0.05



■ SPECIFICATIONS

- Current Voltage : 50V AC/DC
- Current Rating : 1 A AC/DC
- Withstanding Voltage : 500V AC/minute
- Insulation Resistance : 100MΩ min
- Temperature Range : - 25°C to + 105°C
- Contact Resistance : 20mΩ max

■ WAFER (SMT Type)

• Part No. : GJS-1254R1-XX (XX) X
① ② ③

Code No :

① Poles : 02~20

② Plated :

Blank : Matte Tin Plated(霧錫)

G : Contact : Gold Plated(普金)
(Solder Tab:Matte Tin Plated)

③ Base Color :

Blank : Nature

BK : Black

• Material :

1. Contact : Phosphor Bronze

2. Solder Tab : Phosphor Bronze

3. Base : LCP UL94V-0

• Q' ty :02P:2000Pcs/Reel;03~20P:1500 Pcs/Reel

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	1.00	4.00	2.45	12	11.00	14.00	12.45
03	2.00	5.00	3.45	13	12.00	15.00	13.45
04	3.00	6.00	4.45	14	13.00	16.00	14.45
05	4.00	7.00	5.45	15	14.00	17.00	15.45
06	5.00	8.00	6.45	16	15.00	18.00	16.45
07	6.00	9.00	7.45	17	16.00	19.00	17.45
08	7.00	10.00	8.45	18	17.00	20.00	18.45
09	8.00	11.00	9.45	19	18.00	21.00	19.45
10	9.00	12.00	10.45	20	19.00	22.00	20.45
11	10.00	13.00	11.45				



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APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△				△			
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△				△			
曾慶根	⊕ □	a0	.000 ±0.10	△				△			
			ANGLE	△							
			0° ±1°	△							
			.0° ±	△							
			SHEET 1/1	△							

PART NO GJS-1254R1-XX

1.00mm WIRE TO BOARD CONNECTOR, SMT & Right Angle

曾慶根

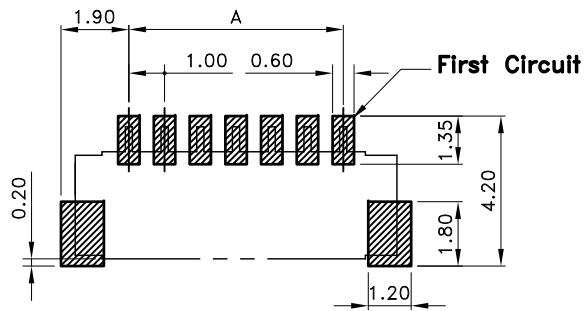
DRAWN BY

DATE 2020/06/18

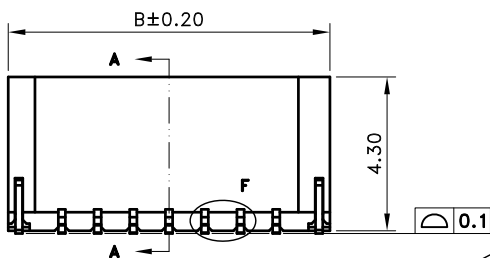
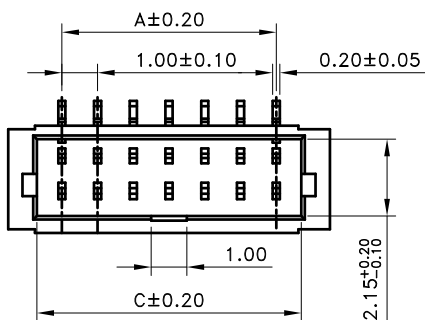
SIZE A4

CUSTOMER

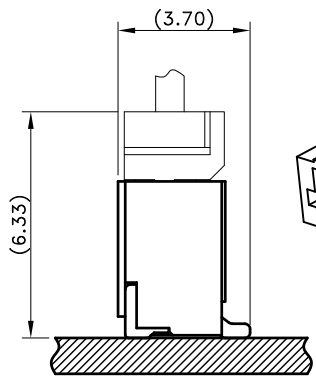
Conforms to The RoHS Instruction



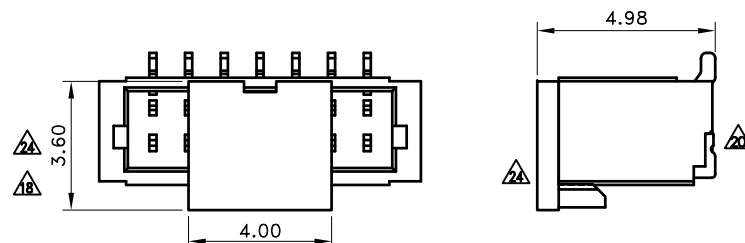
RECOMMEND PCB LAYOUT
General tolerance±0.05



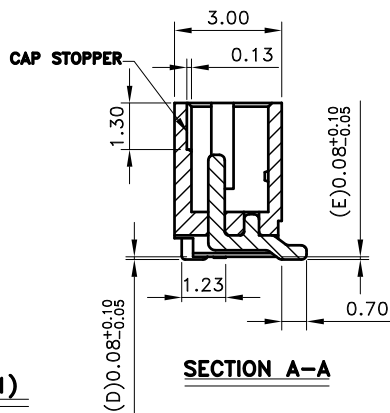
DETAIL F (SCALE 2:1)



ASSEMBLED ALL PART VIEW



ASSEMBLED CAP VIEW



SECTION A-A

■ SPECIFICATIONS

- Current Voltage : 50V AC/DC \triangle
- Current Rating : 1 A AC/DC
- Withstanding Voltage : 500V AC/minute
- Insulation Resistance : 100M Ω min
- Temperature Range : - 25°C to + 85°C
- Contact Resistance : 20m Ω max

■ WAFER (SMT Type)

- Part No. : GJS-1254-XX XX(XX)-XX-XX

- Code No : ① ② ③ ④ ⑤
- ① Poles : 02~22
 - ② CAP : Blank : With CAP
NC : Non CAP \triangle
 - ③ Plated :
Blank : Tin Plated
G&G0 : Gold Plated \triangle
NM : Matte-Tin Plated
 - ④ Base Color :
Blank : Nature
BK : Black
 - ⑤ Base Material : \triangle
Blank : Nylon 9T UL94V-0
L5 : LCP UL94V-0(Halogen Free)
NH : Nylon 6T/66 UL94V-0, Color : Black (Halogen Free) \triangle
NH1: Nylon 6T UL94V-0, Color : Nature (Halogen Free) \triangle

- Material :
1. Contact : Phos. Bronze
2. Solder Tab : Brass
3. Base : Refer the above options
- Q' ty : 1000 Pcs/Reel(With CAP) & 1100 Pcs/Reel(Non CAP) \triangle

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	1.00	4.00	2.45	13	12.00	15.00	13.45
03	2.00	5.00	3.45	14	13.00	16.00	14.45
04	3.00	6.00	4.45	15	14.00	17.00	15.45
05	4.00	7.00	5.45	16	15.00	18.00	16.45
06	5.00	8.00	6.45	17	16.00	19.00	17.45
07	6.00	9.00	7.45	18	17.00	20.00	18.45
08	7.00	10.00	8.45	19	18.00	21.00	19.45
09	8.00	11.00	9.45	20	19.00	22.00	20.45
10	9.00	12.00	10.45	21	20.00	23.00	21.45
11	10.00	13.00	11.45	22	21.00	24.00	22.45
12	11.00	14.00	12.45				

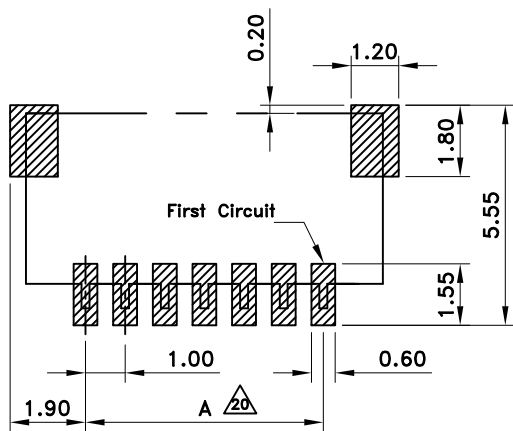


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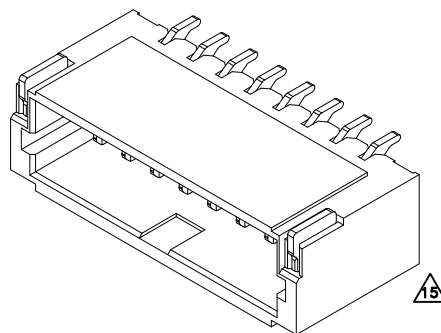
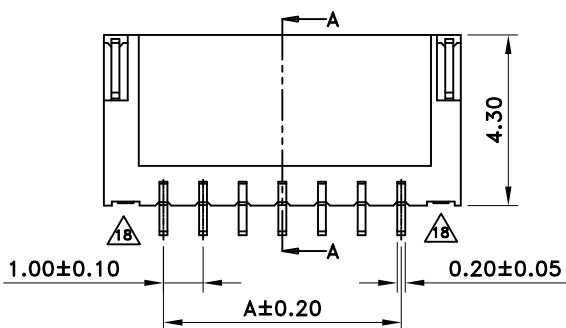
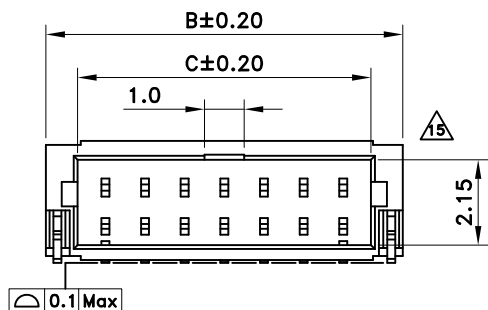
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張育瑞		mm	.0 ±0.30	\triangle	新增CAP尺寸標示	吳弘文	2013/12/06	\triangle	新增無蓋產品包裝數量	曾慶根	2020/03/03
CHECKED BY	PROJ	VER NO.	.00 ±0.20	\triangle	增加電鍍規格G0及修改NH用料	黃廣珍	2014/03/04	\triangle	Add CS Logo on 3D View	Erin	2022/09/21
曾慶根	\odot	a24	.000 ±0.10	\triangle	無齒代碼"HP"刪除,與NH重複	鄭小嬌	2015/10/26	\triangle	修改蓋子形狀裝配位置及尺寸	曾慶根	2023/08/29
DRAWN BY	DATE	SIZE	ANGLE	\triangle	依實物蓋子修正圖面	曾慶根	2015/12/10		CUSTOMER		
曾慶根	2023/08/29	A4	0° ±1°	\triangle	增加NH1選項內容說明	曾慶根	2017/11/30				
			.0° ±	\triangle	修改圖面部分外型	Eddie	2018/11/07		Conforms to The RoHS Instruction		
			SHEET 1/1	\triangle	新增NC: Non Cap料號	Eddie	2020/01/08				

PART NO GJS-1254-XXXX(XX)-XX-XX

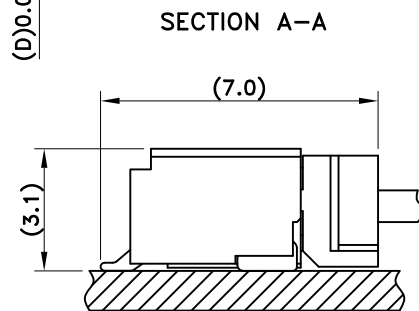
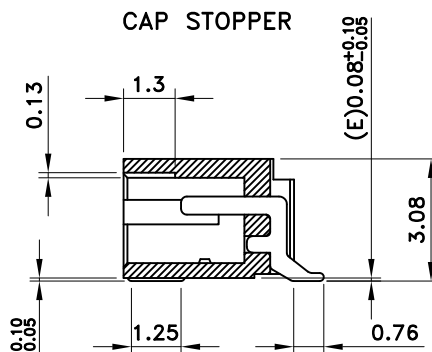
1.00mm WIRE TO BOARD CONNECTOR, SMT & STRAIGHT



Recommended PCB Layout
General tolerance ± 0.05



3D VIEW



ASSEMBLED VIEW

■ SPECIFICATIONS

- Voltage Rating : 50 AC/DC $\Delta 6$
- Current Rating : 1 A AC/DC
- Withstanding Voltage : 500V AC/minute
- Insulation Resistance : 100M Ω min
- Temperature Range : - 25°C to + 85°C
- Contact Resistance : 20m Ω max

■ WAFER

• Part No. : GJS-1254R-XX (XX)-XX-XX

Code No : ① ② ③ ④

① Poles : 02~22

② Plated :

Blank : Tin Plated

G&G0 : Gold Plated $\Delta 7$

NM : Matte-Tin Plated

③ Base Color :

Blank : Nature

BK : Black

④ Base Material : $\Delta 9$

Blank : Nylon 9T UL94V-0

L5 : LCP UL94V-0(Halogen Free) $\Delta 12$

NH : Nylon 6T/66 UL94V-0(Halogen Free) $\Delta 14$ $\Delta 17$

NH1: Nylon 6T UL94V-0, Color : Nature (Halogen Free) $\Delta 21$

• Material :

1. Contact : Phos. Bronze

2. Solder Tab : Brass

3. Base : Refer the above options

• Q' ty : 1,000 pcs./Reel $\Delta 22$

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2	1.00	4.00	2.45	13	12.00	15.00	13.45
3	2.00	5.00	3.45	14	13.00	16.00	14.45
4	3.00	6.00	4.45	15	14.00	17.00	15.45
5	4.00	7.00	5.45	16	15.00	18.00	16.45
6	5.00	8.00	6.45	17	16.00	19.00	17.45
7	6.00	9.00	7.45	18	17.00	20.00	18.45
8	7.00	10.00	8.45	19	18.00	21.00	19.45
9	8.00	11.00	9.45	20	19.00	22.00	20.45
10	9.00	12.00	10.45	21	20.00	23.00	21.45
11	10.00	13.00	11.45	22	21.00	24.00	22.45
12	11.00	14.00	12.45				



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APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	$\Delta 6$	修正編碼選項	吳弘文	2013/02/25	$\Delta 21$	增加NH1選項內容說明	曾慶根	2017/11/30
CHECKED BY	PROJ	VER NO.	.00 ±0.20	$\Delta 6$	修改接地片位置	黃廣珍	2013/04/19	$\Delta 22$	刪去蓋帽包裝方式	謝君	2019/11/29
劉娜	\odot	a23	.000 ±0.10	$\Delta 6$	增列額定電壓	吳弘文	2013/08/08	$\Delta 23$	刪去裝管包裝方式	謝君	2020/06/18
DRAWN BY	DATE	SIZE	ANGLE	$\Delta 7$	增加電鍍規格G0及修改NH用料	黃廣珍	2014/03/04				
謝君	2020/06/18	A4	0° ±1°	$\Delta 8$	外觀修正增加模號與穴位缺口	吳弘文	2014/11/17				
			.0° ±	$\Delta 9$	無齒代碼"HF"刪除,與NH重複	鄭小嬌	2015/10/26				
			SHEET 1/1	$\Delta 20$	修正PCB板尺寸標注	曾慶根	2017/01/20				

PART NO GJS-1254R-XX(XX)-XX-XX

1.00mm WIRE TO BOARD CONNECTOR, SMT & Right Angle

CUSTOMER

Conforms to The RoHS Instruction