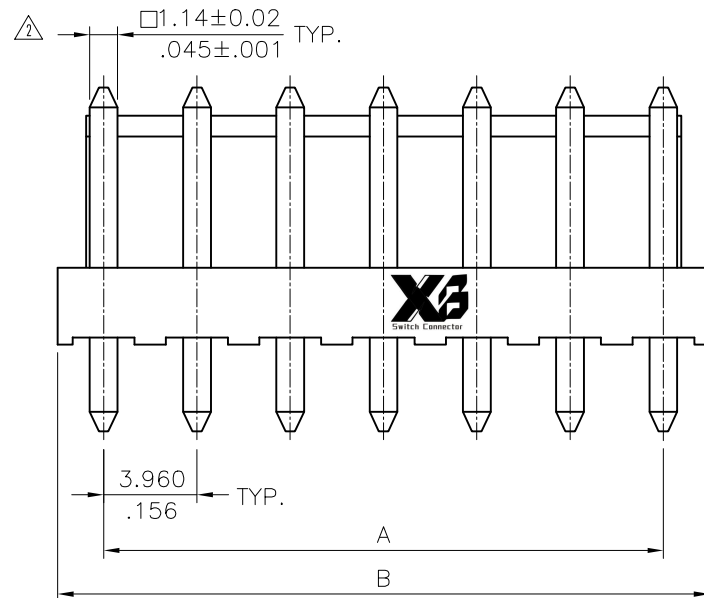
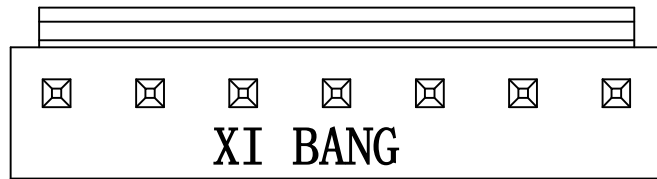




Notes:

- * Insulation: Nylon 66 UL 94V-0 Color Nature
- * Contact: Brass
- * For Tin-Lead Wave Flow Process

Ordering Code:

CI52 ** P 1 V 00
① ② ③ ④ ⑤ ⑥

① Series No.

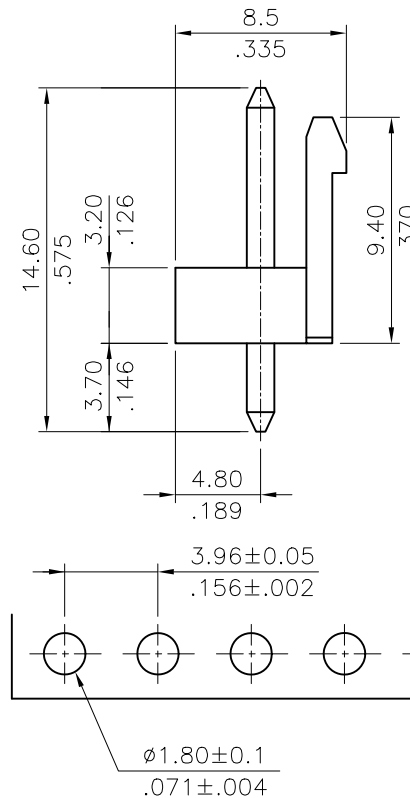
② No. of Circuits:

③ P= Pin header

- △ ④ Plating: 1= 3.05μm(120μ") Min. Tin over 0.76μm(30μ") Nickel
2= Gold flash plated over 1.27μm(50μ") Nickel
3= 0.38μm(15μ") Gold plated over 1.27μm(50μ") Nickel
4= 0.76μm(30μ") Gold plated over 1.27μm(50μ") Nickel

⑤ Type: V= Straight

⑥ Other option: 00= Standard



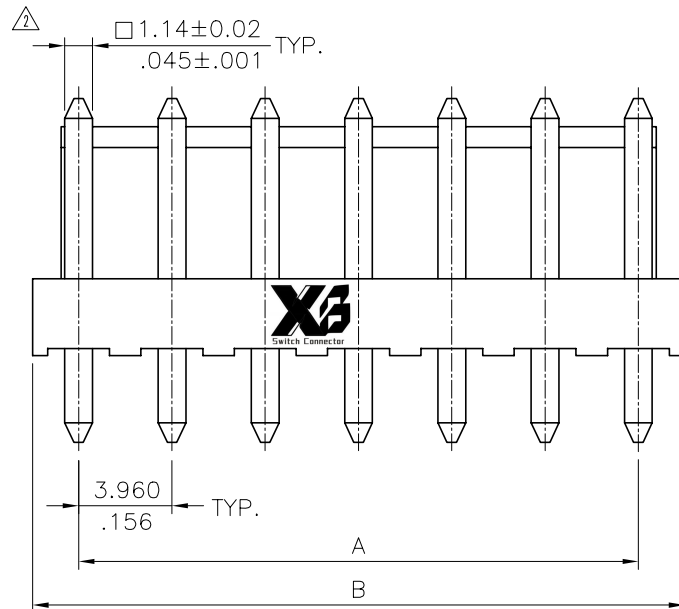
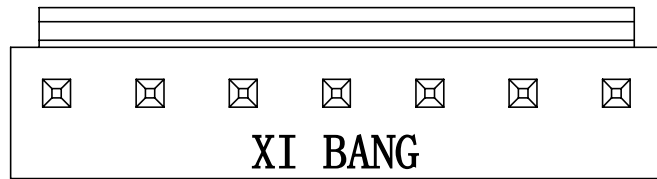
Recommended P.C. Board Layout

Circuits	Dimension	
	A	B
2	3.96(.156)	7.8(.307)
3	7.92(.312)	11.8(.465)
4	11.88(.468)	15.8(.622)
5	15.84(.624)	19.7(.776)
6	19.80(.780)	23.7(.933)
7	23.76(.936)	27.6(1.087)
8	27.72(1.091)	31.6(1.244)
9	31.68(1.247)	35.5(1.398)
10	35.64(1.403)	39.5(1.555)
11	39.60(1.559)	43.5(1.713)
12	43.56(1.715)	47.4(1.866)
13	47.52(1.871)	51.4(2.024)

Tin-Lead Process

RoHS Compliant

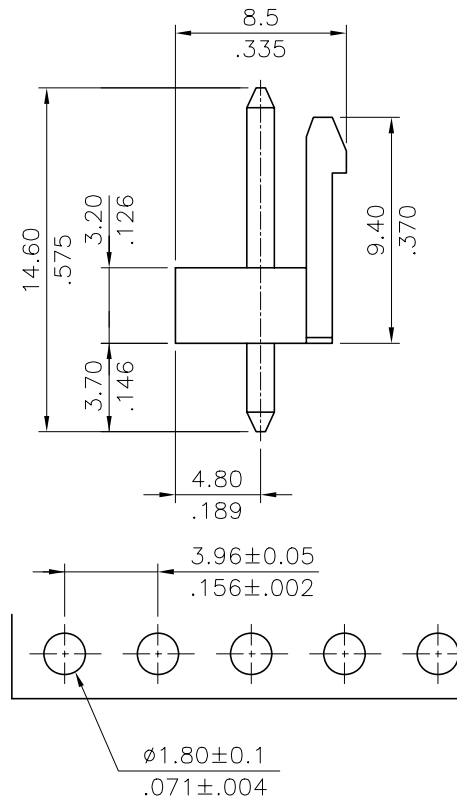
④					DATE	UNIT: mm / inch	TITLE: 3.96MM(.156") STRAIGHT HEADERS	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
③	Karen	4/29-14'	ECNT114029	DRAWN BY:	Karen	4/30-14'	TOLERANCE UNLESS OTHERWISE SPECIFIED				
②	Bill	01/30-08'	ECN08053	ENGINEER:	Sun	4/30-14'	.X ± 0.38/.015 X' ± 1"	DRAWING NO. CI5202SF PART NO. CI52**P*V00			
①	SUN	9/03/03'	ECN03278	CHECKED BY:	Eisley	4/30-14'	.XX ± 0.25/.010 X' ±				
SYM	NAME	DATE	REVISIONS	APPROVED BY:	David	4/30-14'	.XXX ± 0.10/.004 XX' ±	SCALE 3 / 1 SHEET 1 OF 1			



Material:

* Insulation: Nylon 46 UL 94V-0
Color Nature

* Contact: Brass



Recommended P.C. Board Layout

Ordering Code:

CI52 ** P 1 V 00 -LF
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits:

③ P= Pin header

④ Plating: 1= 3.05μm(120μ") Min. Tin over
0.76μm(30μ") Nickel
(Matte Tin Plated)

2= Gold flash plated over
1.27μm(50μ") Nickel

⑤ Type: V= Straight

⑥ Other option: 00= Standard

⑦ LF= For Lead Free IR Processes



Circuits	Dimension	
	A	B
2	3.96(.156)	7.8(.307)
3	7.92(.312)	11.8(.465)
4	11.88(.468)	15.8(.622)
5	15.84(.624)	19.7(.776)
6	19.80(.780)	23.7(.933)
7	23.76(.936)	27.6(1.087)
8	27.72(1.091)	31.6(1.244)
9	31.68(1.247)	35.5(1.398)
10	35.64(1.403)	39.5(1.555)
11	39.60(1.559)	43.5(1.713)
12	43.56(1.715)	47.4(1.866)

Lead Free Process

RoHS Compliant

④						DATE	UNIT: mm / inch		TITLE: 3.96MM(.156") STRAIGHT HEADERS	 东莞市溪榜电子有限公司 Switch Connector DONG GUAN XI BANG ELECTRONI CS CO., LTD.	
③				DRAWN BY:	Bill	02/20-08'	TOLERANCE UNLESS OTHERWISE SPECIFIED				
②	Bill	2/19/08'	ECN08053	ENGINEER:	Eisley	02/22-08'	.X ± 0.38/.015	X' ± 1"	MATERIAL:		
①	Jim	12/4/06'	ECN06444	CHECKED BY:	David	02/22-08'	.XX ± 0.25/.010	X' ±			
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Alex	02/22-08'	.XXX ± 0.10/.004	.XX' ±	FINISH:	DRAWING NO. CI5251SC	PART NO. CI52**P*V00-LF
										SCALE 3 / 1	SHEET 1 OF 1

Notes:

1. Material:

Insulation: Nylon 6 UL 94V-2 Color Nature

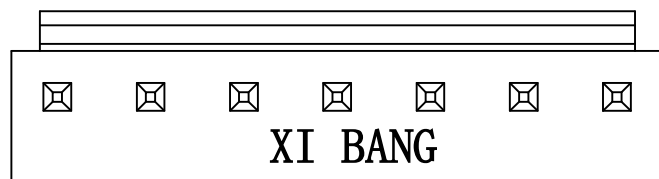
Contact: Brass



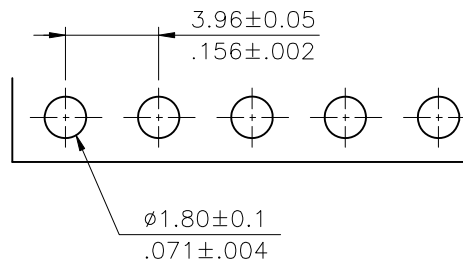
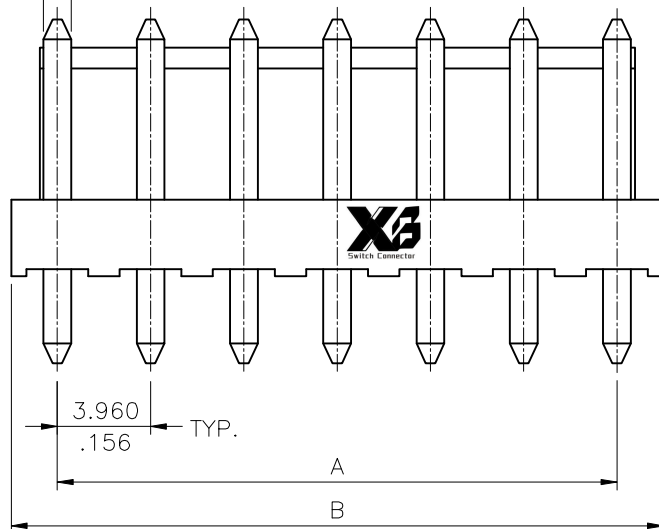
2. Glow wire requirement:

IEC 60695-2-12 GWFI 960°C@0.38mm & 930°C@0.75mm
& 960°C@1.50mm & 960°C@3.00mm

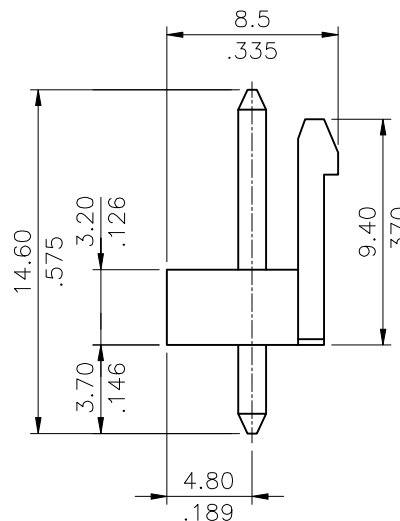
IEC 60695-2-11 GWEPT 750°C ≤2S



1.14 ± 0.02
 $.045 \pm .001$ TYP.



Recommended P.C. Board Layout



Ordering Code:

CI52 ** P 1 V OM
① ② ③ ④ ⑤ ⑥

① Series No.

② No. of Circuits:

③ P= Pin header

④ Plating: 1= $3.05\mu\text{m}(120\mu\text{'})$ Min. Tin over
 $0.76\mu\text{m}(30\mu\text{'})$ Nickel
2= Gold flash plated over
 $1.27\mu\text{m}(50\mu\text{'})$ Nickel
3= $0.38\mu\text{m}(15\mu\text{'})$ Gold plated
over $1.27\mu\text{m}(50\mu\text{'})$ Nickel
4= $0.76\mu\text{m}(30\mu\text{'})$ Gold plated
over $1.27\mu\text{m}(50\mu\text{'})$ Nickel

⑤ Type: V= Straight

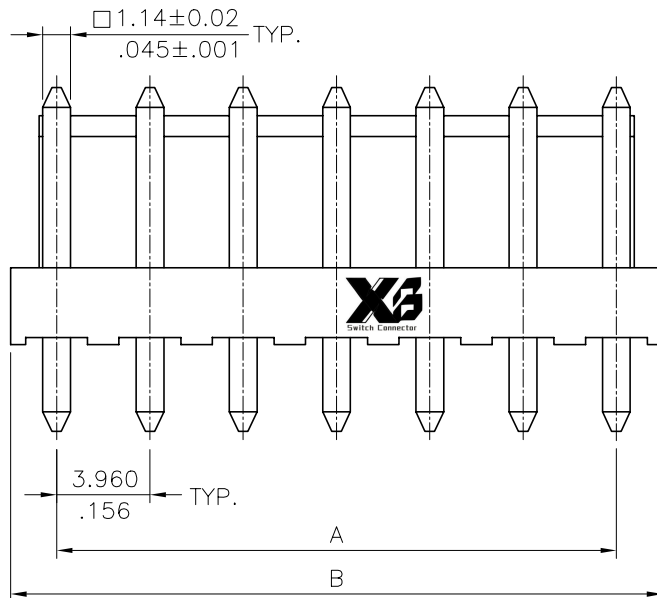
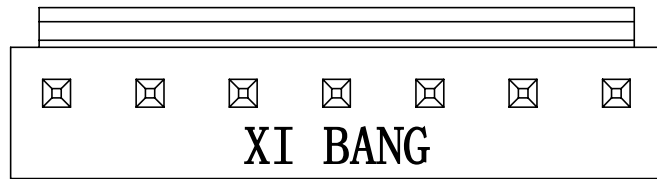
⑥ Other option: OM= Standard
(Glow wire available)

Circuits	Dimension	
	A	B
2	3.96(.156)	7.8(.307)
3	7.92(.312)	11.8(.465)
4	11.88(.468)	15.8(.622)
5	15.84(.624)	19.7(.776)
6	19.80(.780)	23.7(.933)
7	23.76(.936)	27.6(1.087)
8	27.72(1.091)	31.6(1.244)
9	31.68(1.247)	35.5(1.398)
10	35.64(1.403)	39.5(1.555)
11	39.60(1.559)	43.5(1.713)
12	43.56(1.715)	47.4(1.866)

Tin-Lead Process

RoHS Compliant

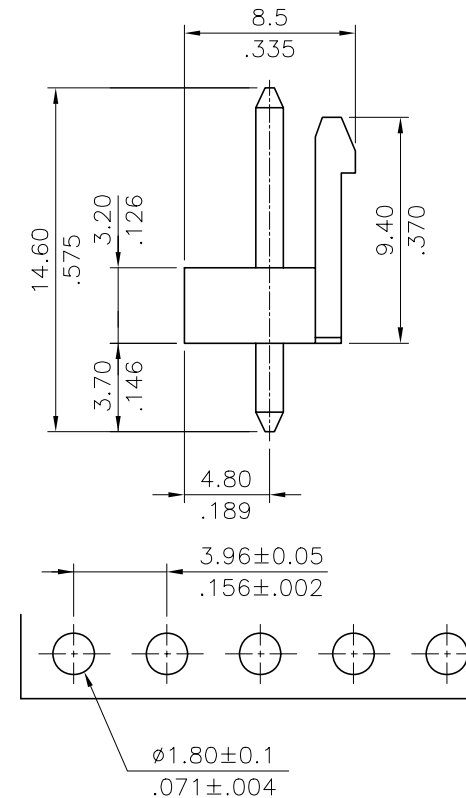
④					DATE	UNIT: mm / inch		TITLE: 3.96MM(.156") STRAIGHT HEADERS	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.				
③				DRAWN BY: Kenny	8/26-20'	TOLERANCE UNLESS OTHERWISE SPECIFIED				MATERIAL:			
②	Kenny	8/26-20'	ECNT120227	ENGINEER: Sun	9/1-20'	.X ± 0.38/.015	X' ± 1"	FINISH:			DRAWING NO.	CI5267SC	PART NO.
①	Bill	2/19/08'	ECN08053	CHECKED BY: Eisley	9/4-20'	.XX ± 0.25/.010	X" ±			SCALE	3 / 1	SHEET	1
SYM	NAME	DATE	REVISIONS	APPROVED BY: Eisley	9/4-20'	.XXX ± 0.10/.004	XX" ±						



Material:

* Insulation: Nylon 6T UL 94V-0
Color Nature

* Contact: Brass



Recommended P.C. Board Layout

Ordering Code:

CI52 ** P 1 V 00 -NH
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits:

③ P= Pin header

④ Plating: 1= 3.05μm(120μ") Min. Tin over
0.76μm(30μ") Nickel
(Matte Tin Plated)
2= Gold flash plated over
1.27μm(50μ") Nickel

⑤ Type: V= Straight

⑥ Other option: 00= Standard

⑦ NH= For Lead Free IR Processes and Halogen-Free

Circuits	Dimension	
	A	B
2	3.96(.156)	7.8(.307)
3	7.92(.312)	11.8(.465)
4	11.88(.468)	15.8(.622)
5	15.84(.624)	19.7(.776)
6	19.80(.780)	23.7(.933)
7	23.76(.936)	27.6(1.087)
8	27.72(1.091)	31.6(1.244)
9	31.68(1.247)	35.5(1.398)
10	35.64(1.403)	39.5(1.555)
11	39.60(1.559)	43.5(1.713)
12	43.56(1.715)	47.4(1.866)

Halogen-Free

Lead Free Process

RoHS Compliant

4						DATE	UNIT: mm / inch		TITLE: 3.96MM(.156") STRAIGHT HEADERS		XB Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.				
3				DRAWN BY:	Eager	9/3-08'	TOLERANCE UNLESS OTHERWISE SPECIFIED								
2				ENGINEER:	Eisley	9/4-08'			.X ± 0.38/.015	.X' ± 1"					
1	Eager	09/03-08'	ECN08428	CHECKED BY:	Alex	9/4-08'	.XX ± 0.25/.010	.X' ±							
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Alex	9/4-08'	.XXX ± 0.10/.004	.XX' ±	FINISH:		DRAWING NO.	CI5272SA	PART NO.	CI52**P*V00-NH	
											SCALE	3 / 1		SHEET	1 OF 1