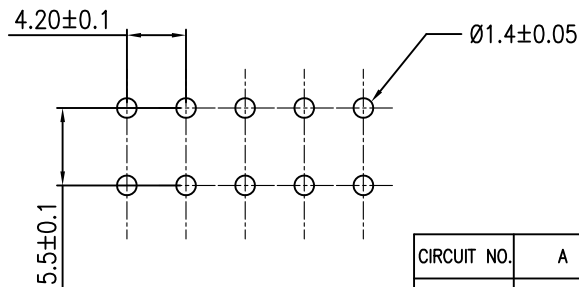
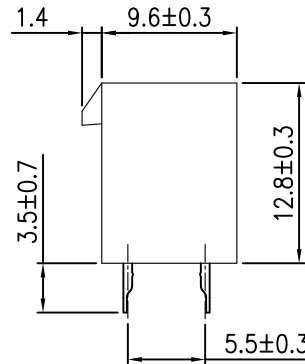
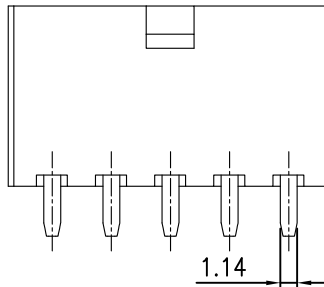
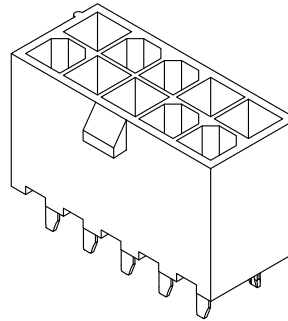
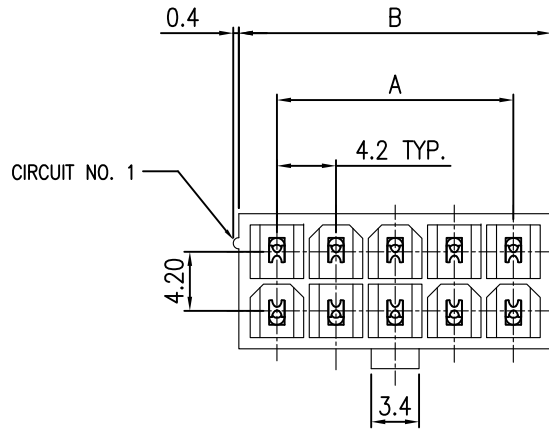




C US E182481



RECOMMENDED HOLE LAYOUT FOR
1.6mm THICK P.C.BOARD

CIRCUIT NO.	A	B	CIRCUIT NO.	A	B
2	--	5.4±0.3	14	25.2±0.3	30.6±0.4
4	4.2±0.2	9.6±0.3	16	29.4±0.3	34.8±0.4
6	8.4±0.2	13.8±0.3	18	33.6±0.4	39.0±0.5
8	12.6±0.2	18.0±0.3	20	37.8±0.4	43.2±0.5
10	16.8±0.3	22.2±0.4	22	42.0±0.4	47.4±0.5
12	21.0±0.3	26.4±0.4	24	46.2±0.4	51.6±0.5

REV	DESCRIPTION	DATE
A1	EN000325-2	2011.03.25

NOTES

Housing Material : Nylon 66 UL94-V0 OR UL94-V2
Available in 02 ~ 24 Circuits
Terminal Material : Brass
Terminal Plating : Tin over Nickel Plated
Mates with : YY-5700-H**AD

SPECIFICATION

Voltage: 400V AC (r.m.s.)
Current: Used with 16 AWG
9 Amp. Max. (2 Circuits)
8 Amp. Max. (4~6 Circuits)
7 Amp. Max. (8~10 Circuits)
6 Amp. Max. (12~24 Circuits)
Contact Resistance: 10 mΩ Max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 MΩ Min.
Operation temperature: -40°C to +105°C

ORDERING INFORMATION

YY-5900 - W ** S T * - *** - *
 1 2 3 4 5 6

- No. of Circuits : 02 ~ 24
- Connect Type
S : Straight
- Terminal Plating
T : Tin
- Housing Material
Q : Nylon 66 UL 94V-0
□ : Nylon 66 UL 94V-2
- Housing Color
□ : Nature
116 : RAL(1016) Sulphur yellow
314 : RAL(3014) Antique pink
512 : RAL(5012) Light blue
- Packing
□ : Bag
1 : Tray
3 : Tube (With Plug)

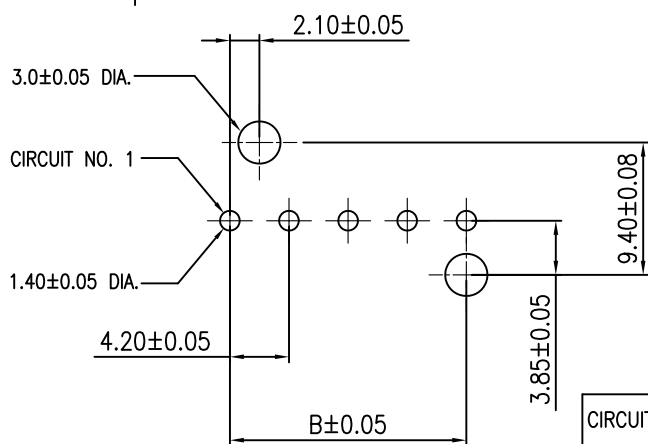
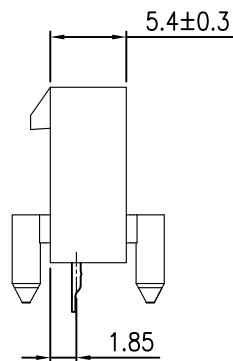
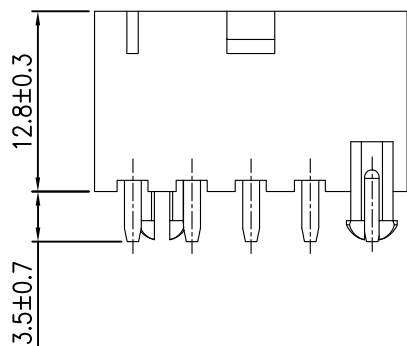
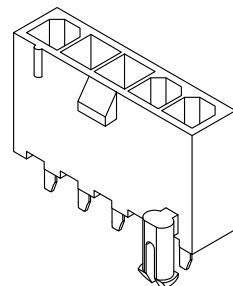
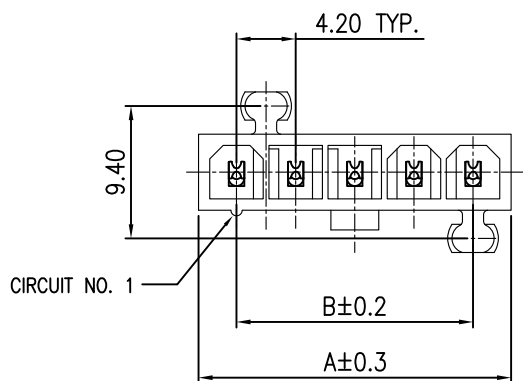
TOLERANCE	
X.	--
X.X	±0.38
X.XX	±0.25
X.XXX	±0.10
ANGULAR	±1°
APPROVALS	
DRAWN	Frank 25-March-2011
CHECKED	Denise 25-March-2011
APPROVED	Jessica 25-March-2011



TITLE 4.20mm(.165") Pitch , MINI-FIT Header
Straight , Dual Row

VIEW	SCALE	PART NO.	REV.
	2:1	YY-5900-W**ST*-***-*	A1
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-5900-W**ST*-***-*-014	1 OF 2





RECOMMENDED HOLE LAYOUT FOR
1.78 MAX. THICK P.C. BOARD

CIRCUIT NO.	A	B	CIRCUIT NO.	A	B
3	13.8	8.4	8	34.8	29.4
4	18.0	12.6	9	39.0	33.6
5	22.2	16.8	10	43.2	37.8
6	26.4	21.0	11	47.4	42.0
7	30.6	25.2	12	51.6	46.2

REV	DESCRIPTION	DATE
A1	EN001107-1	2011.11.07

NOTES

Housing Material : Nylon 66 UL94V-0 OR UL94V-2
 Color : Nature
 Available in 03 ~ 12 Circuits
 Terminal Material : Brass
 Terminal Plating : Tin over Nickel Plated
 Mates with : YY-5700-H**AS*

SPECIFICATION

Voltage: 400V AC (r.m.s.)
 Current: Used with 16 AWG
 9 Amp. Max. (2~3 Circuits)
 8 Amp. Max. (4~6 Circuits)
 7 Amp. Max. (7~10 Circuits)
 6 Amp. Max. (12 Circuits)
 Contact Resistance: 10 mΩ Max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 MΩ Min.
 Operation temperature: -40°C to +105°C

ORDERING INFORMATION

YY-5900 - W ** S T SP *
 1 2 3 4 5

- No. of Circuits : 03 ~ 12
- Connect Type
S : Straight
- Terminal Plating
T : Tin
- Housing Type
SP : Single Row / With Pegs
- Housing Material
Q : Nylon 66 UL 94V-0
□ : Nylon 66 UL 94V-2

TOLERANCE	
X.	--
X.X	±0.38
X.XX	±0.25
X.XXX	±0.10
ANGULAR	±1°



Young Yak Enterprise Co., Ltd.

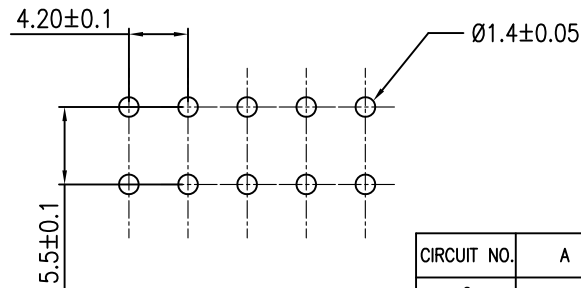
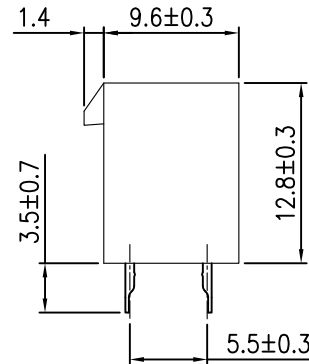
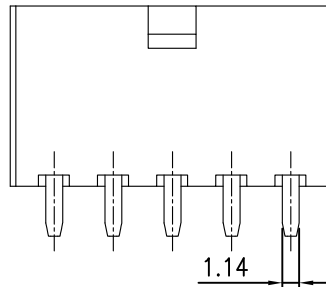
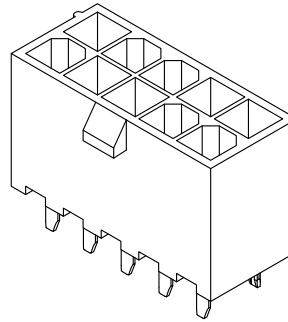
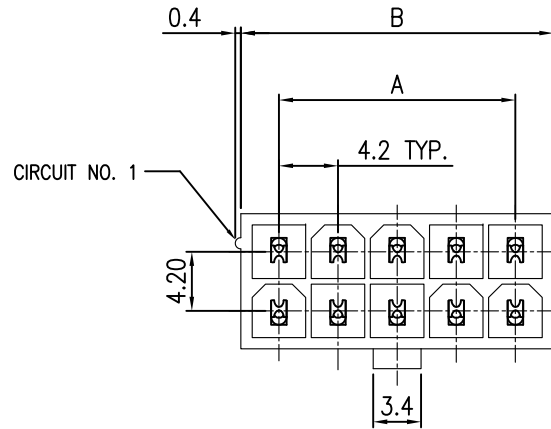
TITLE 4.20mm(.165") Pitch , MINI-FIT Header
 Straight , Single Row With Pegs

VIEW	SCALE	PART NO.	REV.
	2:1	YY-5900-W**STSP*	A1
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-5900-W**STSP*-014	1 OF 1





C US E182481



RECOMMENDED HOLE LAYOUT FOR
1.6mm THICK P.C.BOARD

CIRCUIT NO.	A	B	CIRCUIT NO.	A	B
2	--	5.4±0.3	14	25.2±0.3	30.6±0.4
4	4.2±0.2	9.6±0.3	16	29.4±0.3	34.8±0.4
6	8.4±0.2	13.8±0.3	18	33.6±0.4	39.0±0.5
8	12.6±0.2	18.0±0.3	20	37.8±0.4	43.2±0.5
10	16.8±0.3	22.2±0.4	22	42.0±0.4	47.4±0.5
12	21.0±0.3	26.4±0.4	24	46.2±0.4	51.6±0.5

REV	DESCRIPTION	DATE
A2	EN000325-2	2011.03.25

NOTES

Housing Material : Nylon 66 UL94-V0 OR UL94-V2
 Available in 02 ~ 24 Circuits
 Terminal Material : Brass
 Terminal Plating : Tin over Nickel Plated
 Mates with : YY-5700-H**AD

SPECIFICATION

Voltage: 400V AC (r.m.s.)
 Current: Used with 16 AWG
 9 Amp. Max. (2 Circuits)
 8 Amp. Max. (4~6 Circuits)
 7 Amp. Max. (8~10 Circuits)
 6 Amp. Max. (12~24 Circuits)
 Contact Resistance: 10 mΩ Max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 MΩ Min.
 Operation temperature: -40°C to +105°C

ORDERING INFORMATION

YY-5900 - W ** S T C * - *** - *
 1 2 3 4 5 6 7

- No. of Circuits : 02 ~ 24
- Connect Type
S : Straight
- Terminal Plating
T : Tin
- Housing Type
C : W/O Drain Hole
- Housing Material
Q : Nylon 66 UL 94V-0
□ : Nylon 66 UL 94V-2
- Housing Color
□ : Nature
116 : RAL(1016) Sulphur yellow
314 : RAL(3014) Antique pink
512 : RAL(5012) Light blue
- Packing
□ : Bag
1 : Tray
3 : Tube (With Plug)

TOLERANCE	
X.	--
X.X	±0.38
X.XX	±0.25
X.XXX	±0.10
ANGULAR	±1°
APPROVALS	
DRAWN	Frank 25-March-2011
CHECKED	Denise 25-March-2011
APPROVED	Jessica 25-March-2011

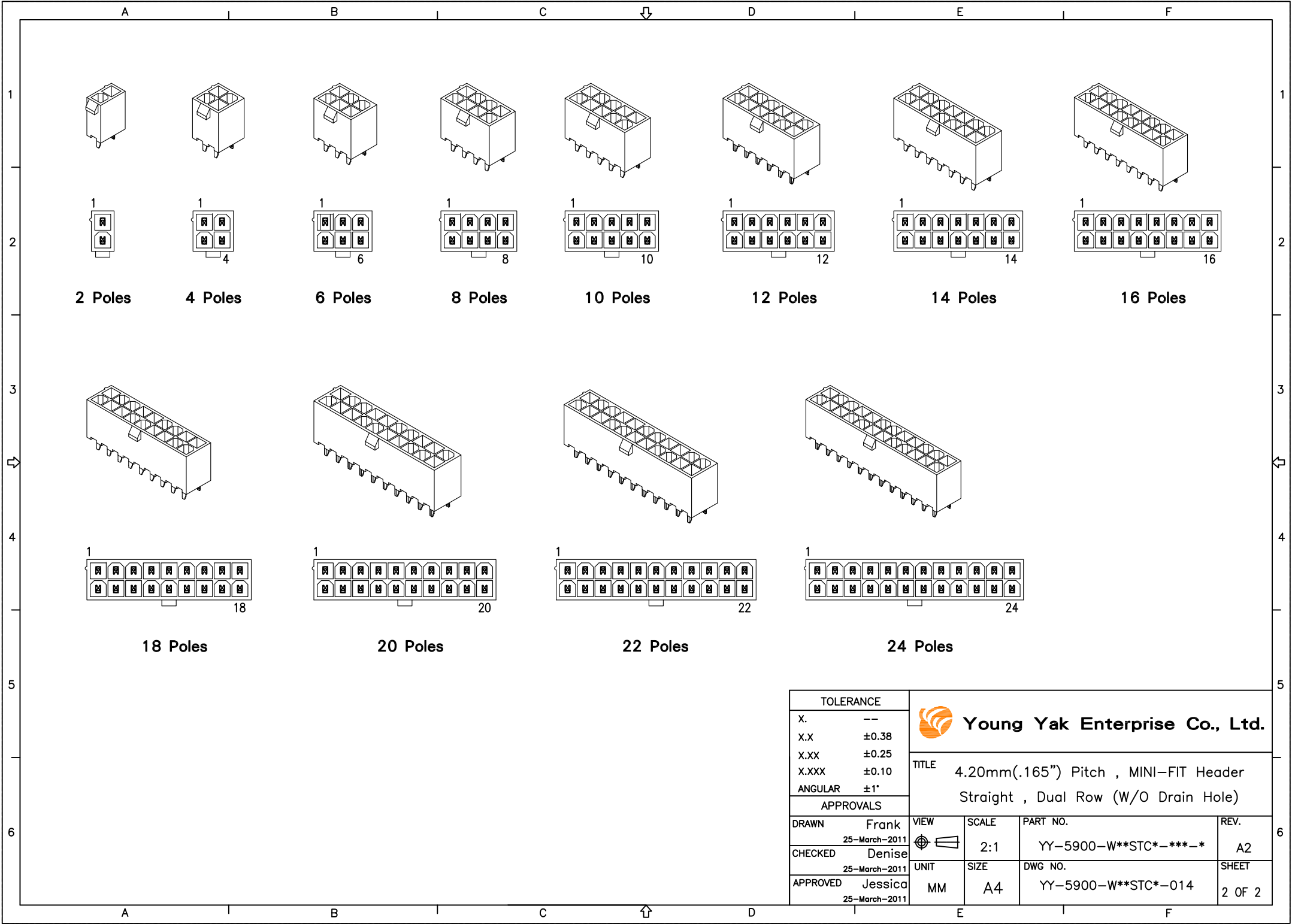




Young Yak Enterprise Co., Ltd.

TITLE 4.20mm(.165") Pitch , MINI-FIT Header
 Straight , Dual Row (W/O Drain Hole)

VIEW	SCALE	PART NO.	REV.
	2:1	YY-5900-W**STC*-***-*	A2
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-5900-W**STC*-***-*-014	1 OF 2



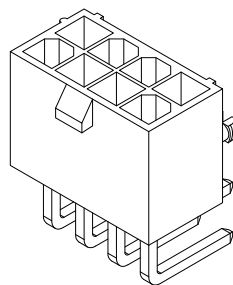
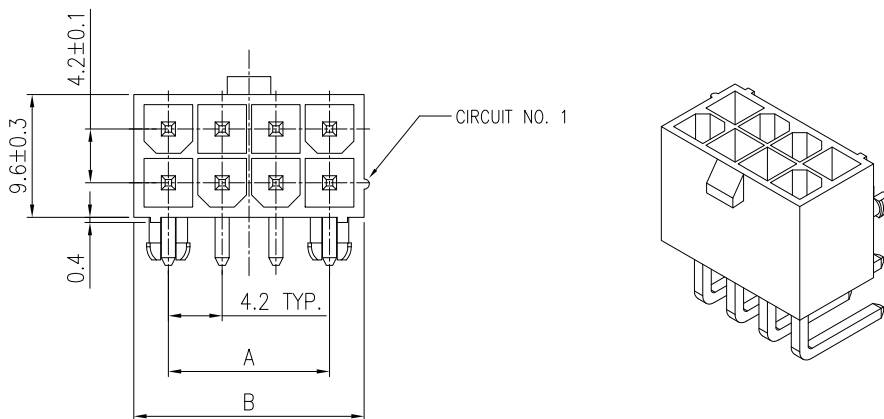


TOLERANCE X. -- X.X ±0.38 X.XX ±0.25 X.XXX ±0.10 ANGULAR ±1°		 Young Yak Enterprise Co., Ltd. TITLE 4.20mm(.165") Pitch , MINI-FIT Header Straight , Dual Row (W/O Drain Hole)			
APPROVALS DRAWN Frank 25-March-2011 CHECKED Denise 25-March-2011 APPROVED Jessica 25-March-2011					VIEW 
		UNIT MM	SIZE A4	DWG NO. YY-5900-W**STC*-014	SHEET 2 OF 2

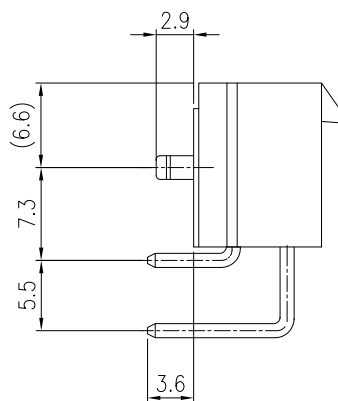
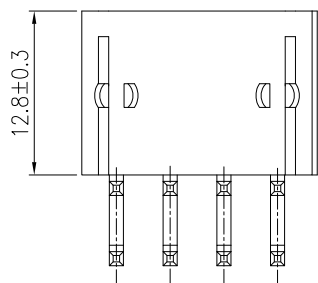


US E182481

REV	DESCRIPTION	DATE



CIRCUIT NO.	A	B
2	--	5.4±0.3
4	4.2±0.2	9.6±0.3
6	8.4±0.2	13.8±0.3
8	12.6±0.2	18.0±0.3
10	16.8±0.3	22.2±0.4
12	21.0±0.3	26.4±0.4
14	25.2±0.3	30.6±0.4
16	29.4±0.3	34.8±0.4
18	33.6±0.4	39.0±0.5
20	37.8±0.4	43.2±0.5
22	42.0±0.4	47.4±0.5
24	46.2±0.4	51.6±0.5



NOTES

Housing Material : Nylon 66 UL94V-0 OR UL94V-2 , Nature
 Available in 02 ~ 24 Circuits
 Terminal Material : Brass
 Terminal Plating : Tin over Nickel Plated
 Mates with : YY-5700-H**AD
 Packing : Bag

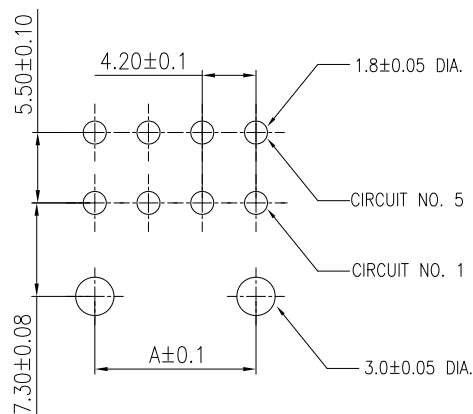
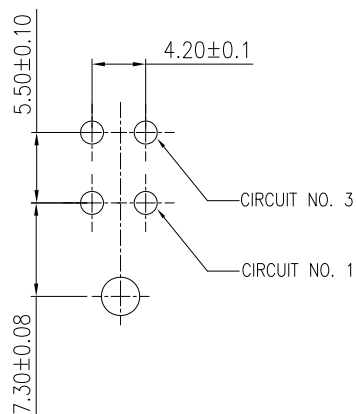
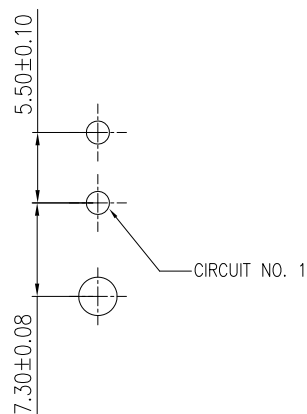
SPECIFICATION

Voltage: 400V AC (r.m.s.)
 Current: Used with 16 AWG
 9 Amp. Max. (2 Circuits)
 8 Amp. Max. (4~6 Circuits)
 7 Amp. Max. (8~10 Circuits)
 6 Amp. Max. (12~24 Circuits)
 Contact Resistance: 10 mΩ Max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 MΩ Min.
 Operation temperature: -40°C to +105°C

ORDERING INFORMATION

YY-5900 - W ** R T P *
1 2 3 4 5

- No. of Circuits : 02 ~ 24
- Connect Type
R : Right Angle
- Terminal Plating
T : Tin
- Housing Type
P : Dual Row / With Pegs
- Housing Material
Q : Nylon 66 UL94-V0
□ : Nylon 66 UL94-V2



RECOMMENDED HOLE LAYOUT FOR
 1.78 MAX. THICK P.C.BOARD
 VIEWED FROM COMPONENT SIDE

TOLERANCE	
X.	--
X.X	±0.38
X.XX	±0.25
X.XXX	±0.10
ANGULAR	±1°



Young Yak Enterprise Co., Ltd.

TITLE 4.20mm(.165") Pitch , MINI-FIT Header
 Right Angle , Dual Row With Pegs

APPROVALS		VIEW	SCALE	PART NO.	REV.
DRAWN	Denise		F	YY-5900-W**RTP*	A0
CHECKED	Kang				
APPROVED	Jessica	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-5900-W**RTP*-014	1 OF 1

