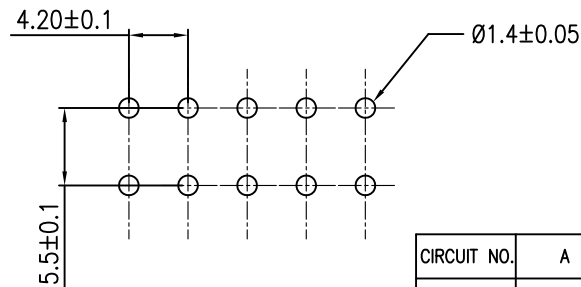
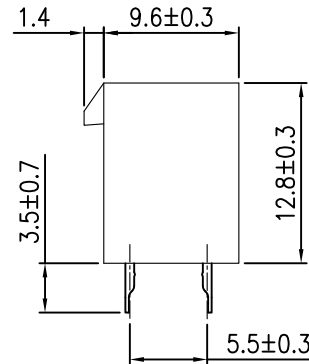
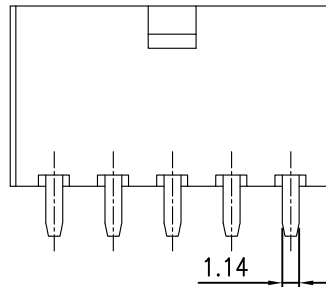
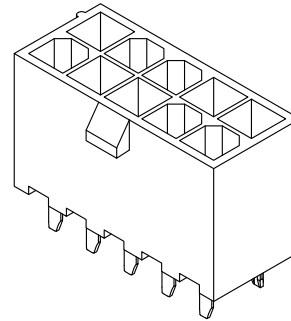
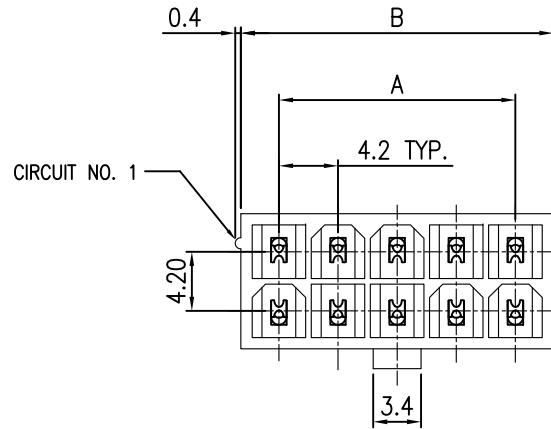




C US E182481



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

Compliant with IEC 60335-1 & IEC 60695-2-11
 End-Product GWT750°C No Flame
 Available in 02 ~ 24 Circuits
 Housing Material : Nylon 66 UL94-V2 , Nature
 Terminal Material : Brass
 Terminal Plating : Tin over Nickel Plated
 Mates with : YY-5700-H**AD-GT

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 - GT - *** - *
 1 2 3 4 5

- No. of Circuits : 02 ~ 24
- Connect Type
S : Straight
- Terminal Plating
T : Tin
- 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°

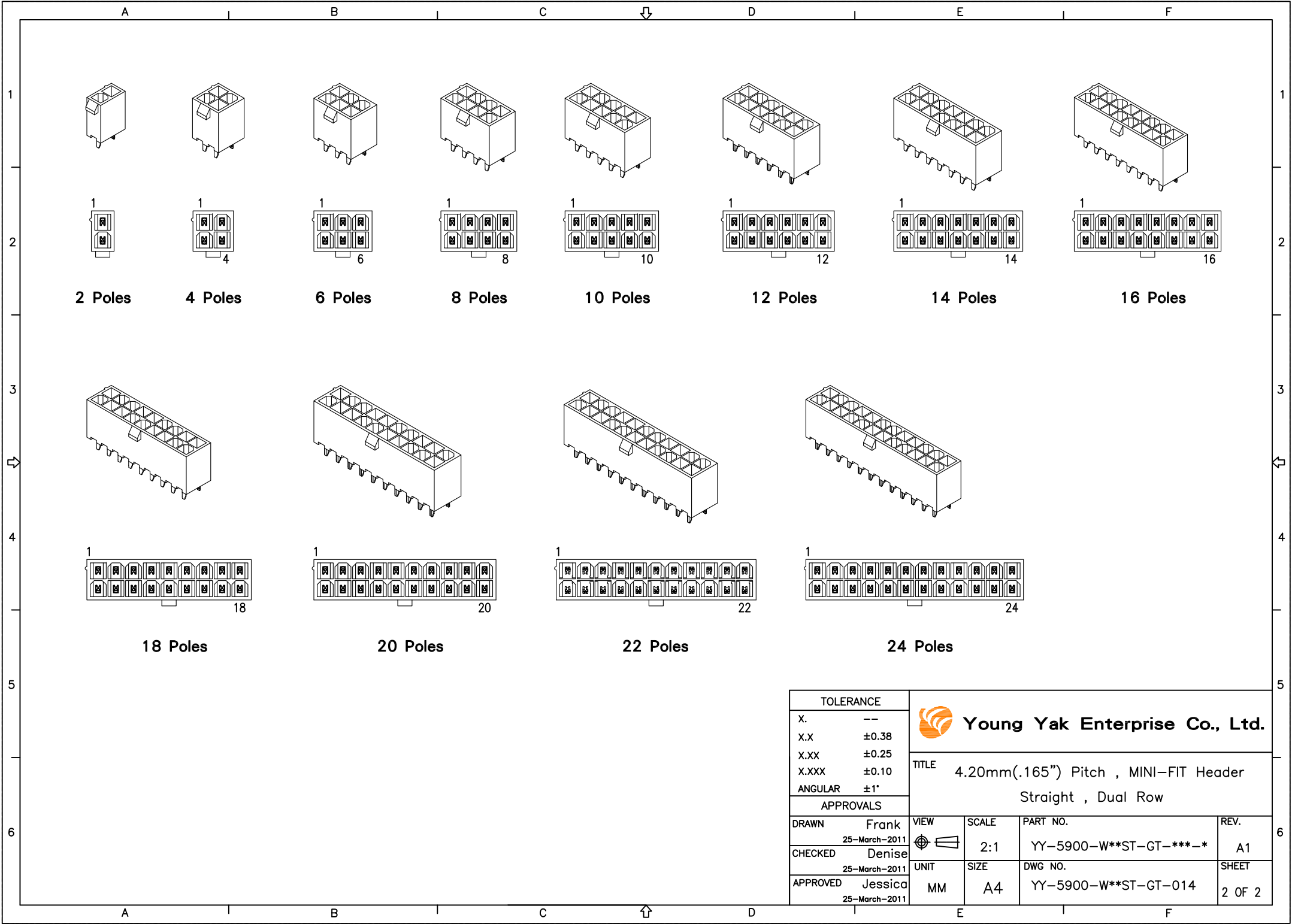


Young Yak Enterprise Co., Ltd.

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

APPROVALS		VIEW	SCALE	PART NO.	REV.
DRAWN	Frank		2:1	YY-5900-W**ST-GT-***-*	A1
CHECKED	Denise				
APPROVED	Jessica	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-5900-W**ST-GT-014	1 OF 2





2 Poles

4 Poles

6 Poles

8 Poles

10 Poles

12 Poles

14 Poles



16 Poles

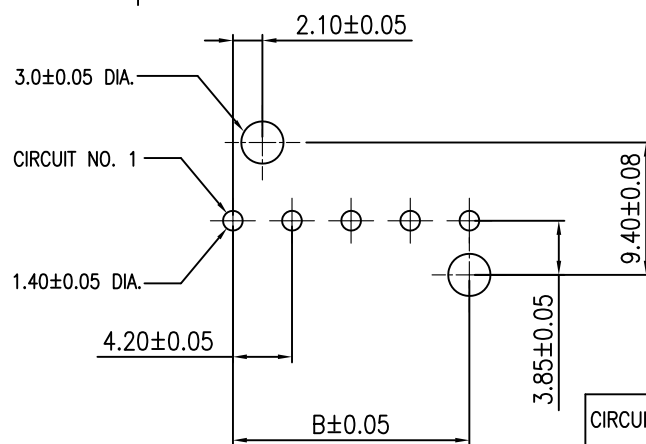
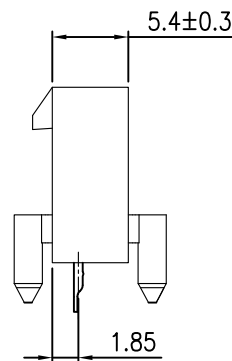
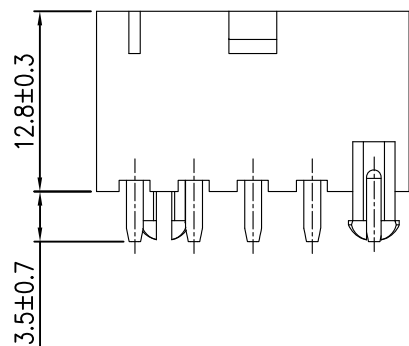
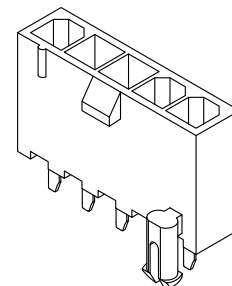
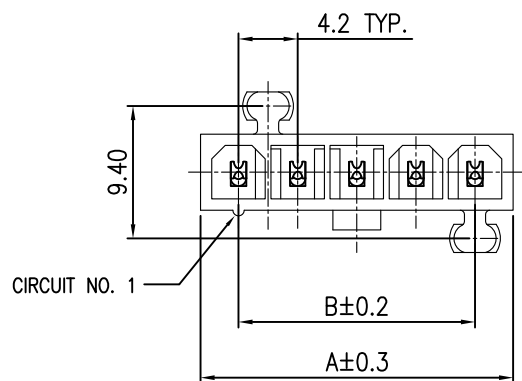
18 Poles

20 Poles

22 Poles

24 Poles

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			
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**ST-GT-014	SHEET 2 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

Compliant with IEC 60335-1 & IEC 60695-2-11
End-Product GWT750°C No Flame
Available in 03 ~ 12 Circuits
Housing Material : Nylon 66 UL94-V2
Terminal Material : Brass
Terminal Plating : Tin over Nickel Plated
Mates with : YY-5700-H**AS-GT
Packing : Bag

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** - GT
 1 2 3 4

- No. of Circuits : 03 ~ 12
- Connect Type
S : Straight
- Terminal Plating
T : Tin
- Housing Type
SP : Single Row / With Pegs

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

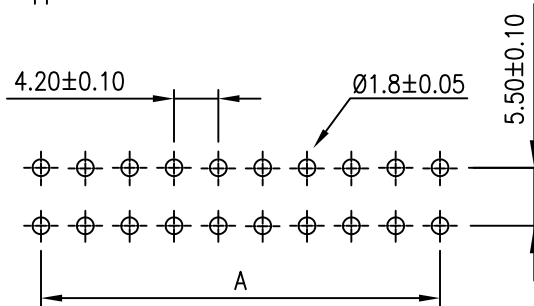
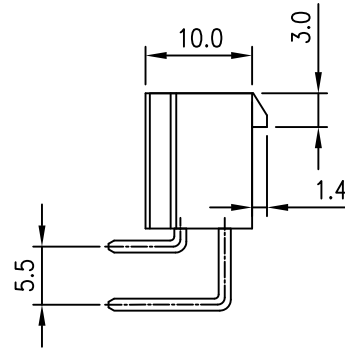
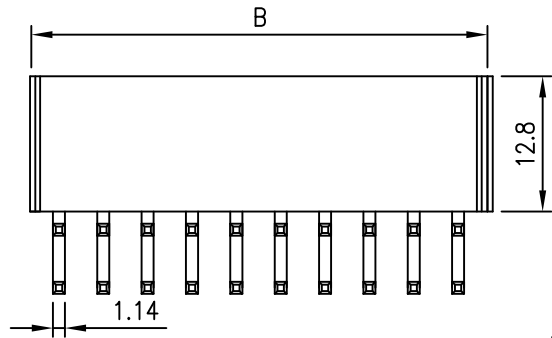
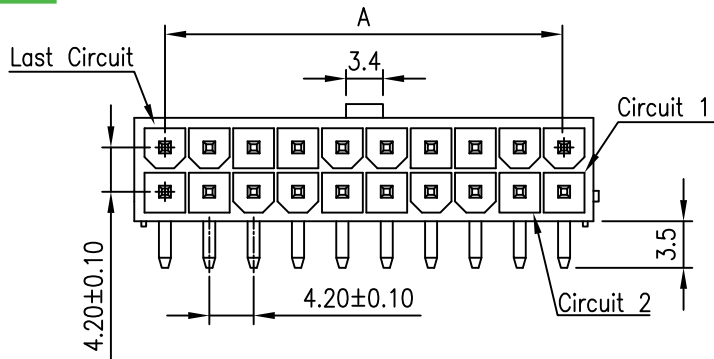
VIEW	SCALE	PART NO.	REV.
	2:1	YY-5900-W**STSP-GT	A1
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-5900-W**STSP-GT-014	1 OF 1





C **YI** US E182481

REV	DESCRIPTION	DATE



PCB LAYOUT

Circuits	Dimension mm		Circuits	Dimension mm	
	A	B		A	B
2	--	5.4	14	25.2	30.6
4	4.2	9.6	16	29.4	34.8
6	8.4	13.8	18	33.6	39.0
8	12.6	18.0	20	37.8	43.2
10	16.8	22.2	22	42.0	47.4
12	21.0	26.4	24	46.2	51.6

NOTES

Compliant with IEC 60335-1 & IEC 60695-2-11
End-Product GWT750°C No Flame

Available in 02 through 24 Circuits

Material: Nylon 66 UL94-V0

Mates with YY-5700-H Series housing

1.14mm(.045") Square Pin

Pin Material: Brass/Tin-Plated

ORDERING INFORMATION

YY-5900 - W ** R T - GT
 1 2 3

- No. of Circuits 02~24
- R : Right Angle
- Plated
T : Tin



Young Yak Enterprise Co., Ltd.

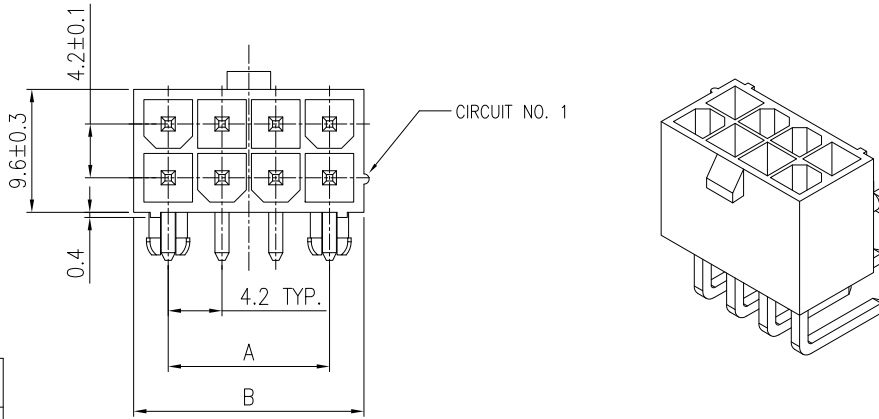
TITLE
4.20mm(.165") Pitch
Mini Fit Connector Right Angle Header

TOLERANCE		APPROVALS		
X.	--	DRAWN	Frank	VIEW
X.X	±0.25	29-May-2012		SCALE
X.XX	±0.15	CHECKED	Denise	F
X.XXX	±0.05	29-May-2012		PART NO.
ANGULAR	--	APPROVED	Jessica	YY-5900-W**RT-GT
		29-May-2012		REV.
				A0
		UNIT	MM	SIZE
				A4
		DWG NO.	YY-5900-W**RT-GT-014	SHEET
				1 OF 1

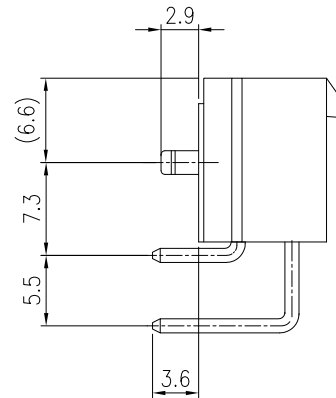
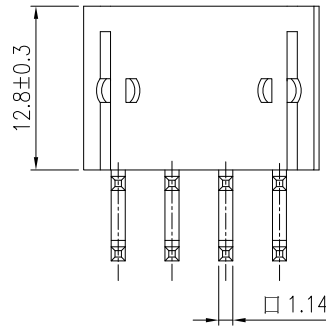
Young Yak
2012.05.29
ISSUED



C^{RU} US E182481



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

Compliant with IEC 60335-1 & IEC 60695-2-11
 End-Product GWT750°C No Flame
 Available in 02 ~ 24 Circuits
 Housing Material : Nylon 66 UL94-V2
 Terminal Material : Brass
 Terminal Plating : Tin over Nickel Plated
 Mates with : YY-5700-H**AD-GT

SPECIFICATION

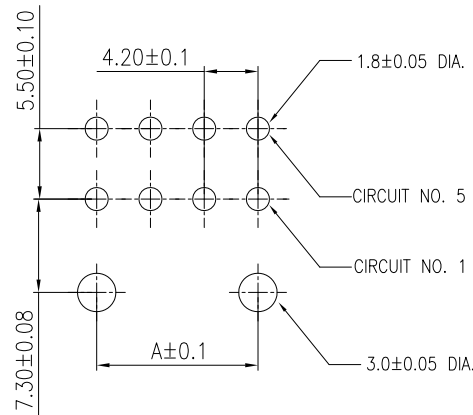
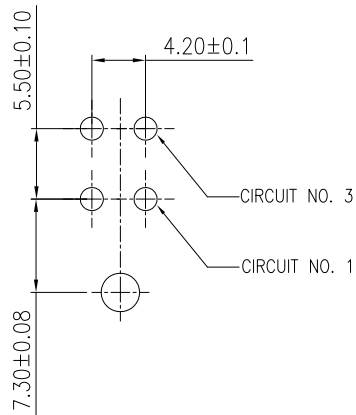
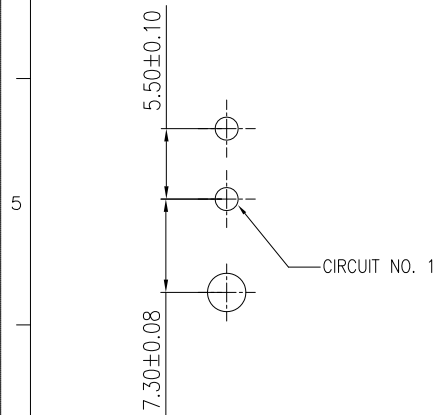
Voltage: 400V AC (r.m.s.)
 Current: Used with 16 AWG
 9 Amp. Max. (2 Circuits)
 8 Amp. Max. (4~6 Circuits)
 7 Amp. Max. (8~10 Circuits)
 6 Amp. Max. (12~24 Circuits)

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 - GT - *** - *
 1 2 3 4 5 6

- No. of Circuits : 02 ~ 24
- Connect Type
R : Right Angle
- Terminal Plating
T : Tin
- Housing Type
P : Dual Row / With Pegs
- Housing Color
□ : Nature
116 : RAL(1016) Sulphur yellow
314 : RAL(3014) Antique pink
512 : RAL(5012) Light blue
- Packing
□ : Bag
1 : Tray



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°
APPROVALS	
DRAWN	Denise 23-September-2009
CHECKED	Kang 23-September-2009
APPROVED	Jessica 23-September-2009

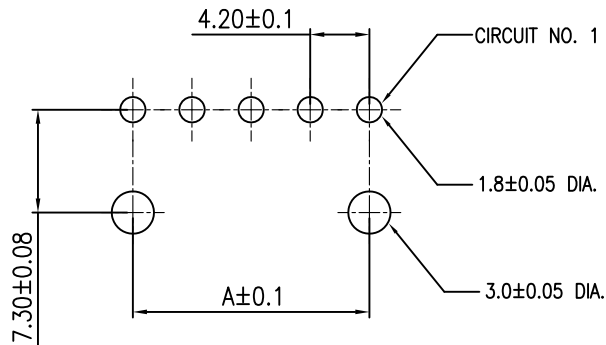
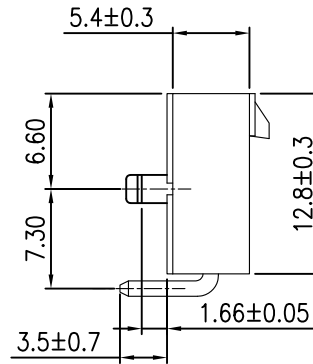
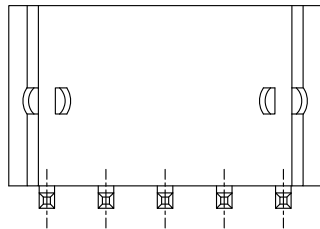
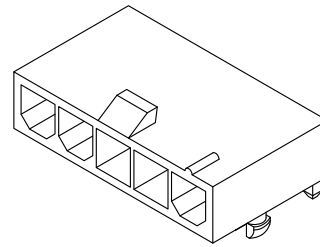
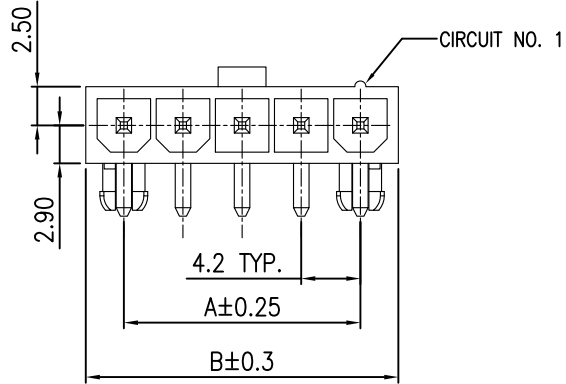


Young Yak Enterprise Co., Ltd.

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

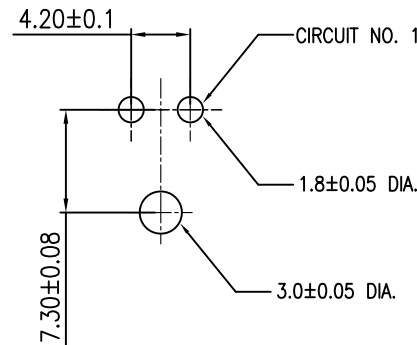
VIEW	SCALE	PART NO.	REV.
	F	YY-5900-W**RTP-GT-***-*	A0
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-5900-W**RTP-GT-014	1 OF 1





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

3 ~ 6 Poles



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

2 Poles

REV	DESCRIPTION	DATE
A2	EN000530-1	2010.05.30
A3	EN001107-1	2011.11.07

NOTES

Compliant with IEC 60335-1 & IEC 60695-2-11
End-Product GWT750°C No Flame
Available in 02 ~ 06 Circuits
Housing Material : Nylon 66 UL94-V2 , Nature
Terminal Material : Brass
Terminal Plating : Tin over Nickel Plated
Mates with : YY-5700-H**AS-GT
Packing : Bag

SPECIFICATION

Voltage: 400V AC (r.m.s.)
Current: Used with 16 AWG
9 Amp. Max. (2~3 Circuits)
8 Amp. Max. (4~6 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 SP - GT
1 2 3 4

- No. of Circuits : 02 ~ 06
- Connect Type
R : Right Angle
- Terminal Plating
T : Tin
- Housing Type
SP : Single Row / With Pegs

TOLERANCE	
X.	--
X.X	±0.38
X.XX	±0.25
X.XXX	±0.10
ANGULAR	±1°
APPROVALS	
DRAWN	Joan
CHECKED	Denise
APPROVED	Jessica

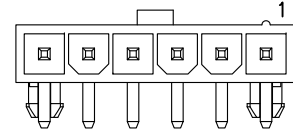
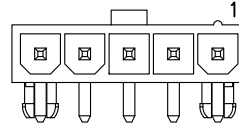
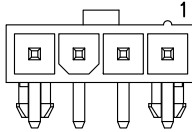
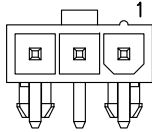
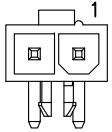
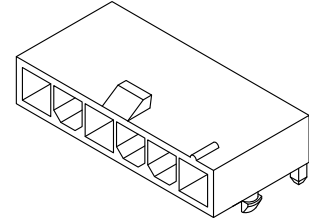
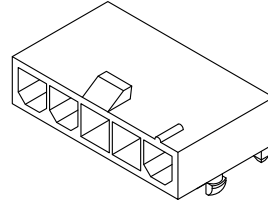
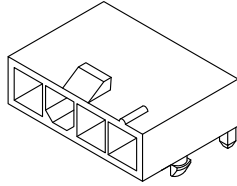
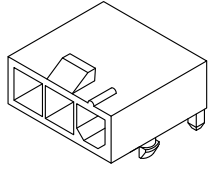
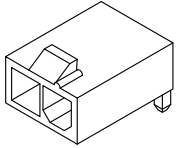


Young Yak Enterprise Co., Ltd.

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

DRAWN	VIEW	SCALE	PART NO.	REV.
07-November-2011		F	YY-5900-W**RTSP-GT	A3
CHECKED	UNIT	SIZE	DWG NO.	SHEET
07-November-2011	MM	A4	YY-5900-W**RTSP-GT-014	1 OF 2

Young Yak
2011.11.08
ISSUED



2 Poles



3 Poles

4 Poles

5 Poles

6 Poles

CIRCUIT NO.	A	B	ORDER NO.
2	4.2	9.6	YY-5900-W02RTSP-GT
3	8.4	13.8	YY-5900-W03RTSP-GT
4	12.6	18.0	YY-5900-W04RTSP-GT
5	16.8	22.2	YY-5900-W05RTSP-GT
6	21.0	26.4	YY-5900-W06RTSP-GT

TOLERANCE		 Young Yak Enterprise Co., Ltd.			
X.	--	TITLE 4.20mm(.165") Pitch , MINI-FIT Header Right Angle , Single Row With Pegs			
X.X	±0.38				
X.XX	±0.25				
X.XXX	±0.10				
ANGULAR	±1°				
APPROVALS					
DRAWN	Joan 07-November-2011	VIEW	SCALE	PART NO.	REV.
CHECKED	Denise 07-November-2011		F	YY-5900-W**RTSP-GT	A3
APPROVED	Jessica 07-November-2011	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-5900-W**RTSP-GT-014	2 OF 2



C_{UL} US E182481

REV	DESCRIPTION	DATE

NOTES

Compliant with IEC 60335-1 & IEC 60695-2-11
 End-Product GWT750°C No Flame
 Available in 02 ~ 24 Circuits
 Housing Material : Nylon 66 UL94-V2
 Terminal Material : Brass
 Terminal Plating : Tin over Nickel Plated
 Mates with : YY-5700-H**AD-GT

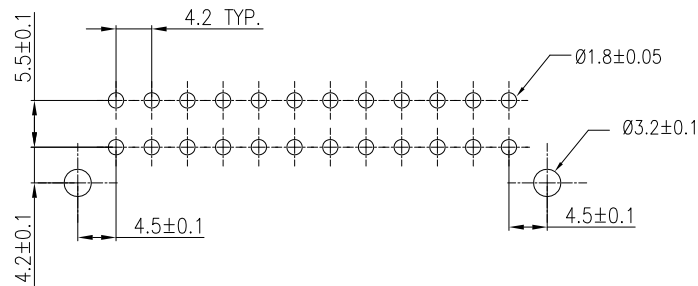
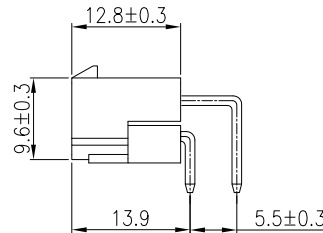
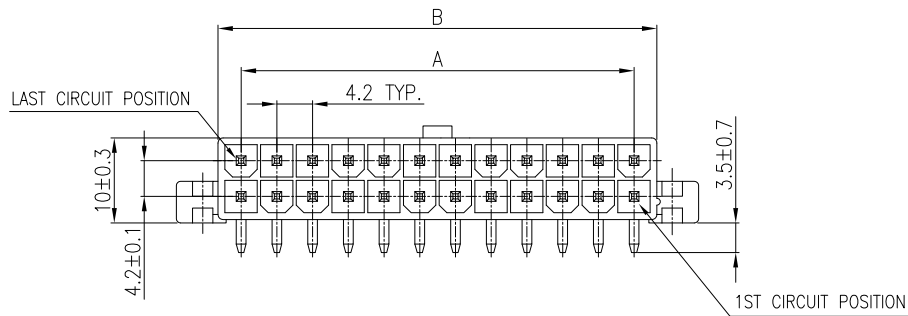
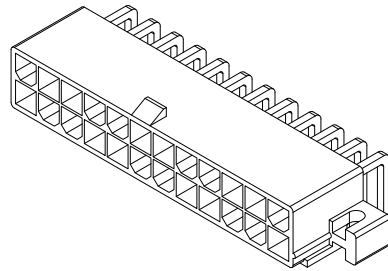
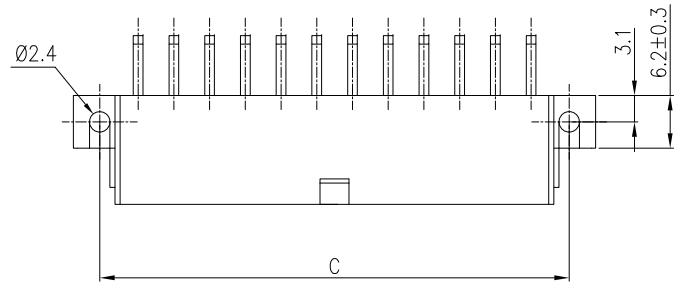
SPECIFICATION

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 K - GT - * - ***
1 2 3 4 5 6

- No. of Circuits : 02 ~ 24
- Connect Type
R : Right Angle
- Terminal Plating
T : Tin
- Housing Type
K : Dual Row / With Lock
- Housing Color
 : Nature
116 : RAL(1016) Sulphur yellow
314 : RAL(3014) Antique pink
512 : RAL(5012) Light blue
- Packing
 : Bag
1 : Tray



RECOMMENDED P.C.BOARD PATTERN

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 Lock

APPROVALS		VIEW	SCALE	PART NO.	REV.
DRAWN	Denise		F	YY-5900-W**RTK-GT-***-*	A0
CHECKED	Kang				
APPROVED	Jessica	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-5900-W**RTK-GT-014	1 OF 2



A

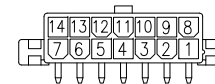
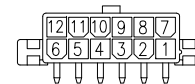
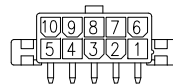
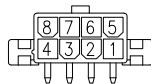
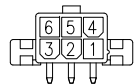
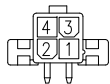
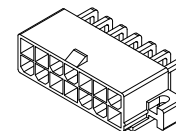
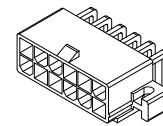
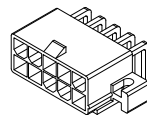
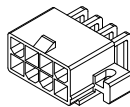
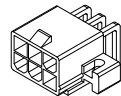
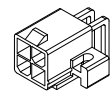
B

C

D

E

F



2 Poles

4 Poles

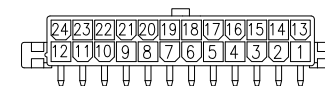
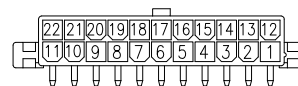
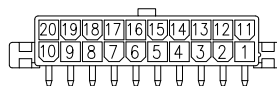
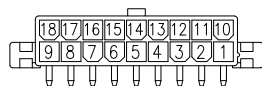
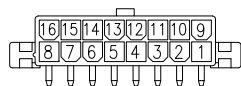
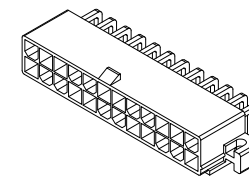
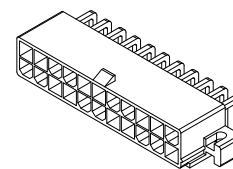
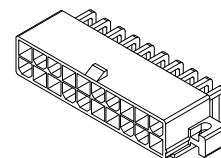
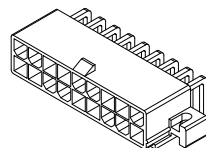
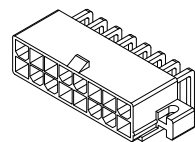
6 Poles

8 Poles

10 Poles

12 Poles

14 Poles



16 Poles

18 Poles

20 Poles

22 Poles

24 Poles

CIRCUIT NO.	A	B	C
2	--	5.4±0.3	9.0±0.3
4	4.2±0.2	9.6±0.3	13.2±0.3
6	8.4±0.2	13.8±0.3	17.4±0.3
8	12.6±0.2	18.0±0.3	21.6±0.3
10	16.8±0.3	22.2±0.4	25.8±0.4
12	21.0±0.3	26.4±0.4	30.0±0.4

CIRCUIT NO.	A	B	C
14	25.2±0.3	30.6±0.4	34.2±0.4
16	29.4±0.3	34.8±0.4	38.4±0.4
18	33.6±0.4	39.0±0.5	42.6±0.5
20	37.8±0.4	43.2±0.5	46.8±0.5
22	42.0±0.4	47.4±0.5	51.0±0.5
24	46.2±0.4	51.6±0.5	55.2±0.5

TOLERANCE

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

APPROVALS

DRAWN	Denise
	23-September-2009
CHECKED	Kang
	23-September-2009
APPROVED	Jessica
	23-September-2009


Young Yak Enterprise Co., Ltd.

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

VIEW	SCALE	PART NO.	REV.
	F	YY-5900-W**RTK-GT-***-*	A0
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-5900-W**RTK-GT-014	2 OF 2

A

B

C

D

E

F