



C **Y** US E182481

REV	DESCRIPTION	DATE
A1	EN980401-1	2009/04/01

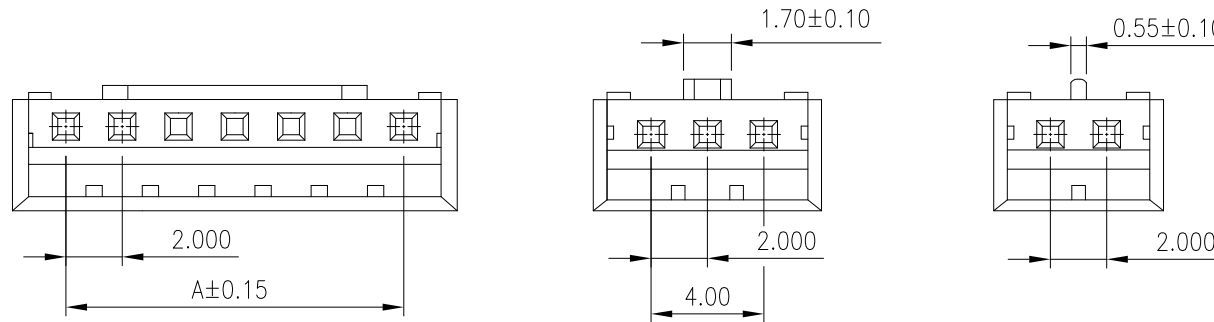
NOTES

Available in 02 through 16 Circuits
Material: Nylon 66 UL94-V0
Accepts YY-1100-T Crimp Terminal
Mates with YY-1100-W**S or
YY-1100-W**R Series Wafer

ORDERING INFORMATION:

YY-1100 - H **
1 2

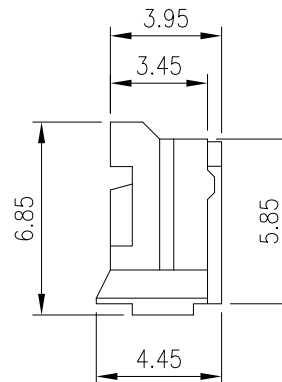
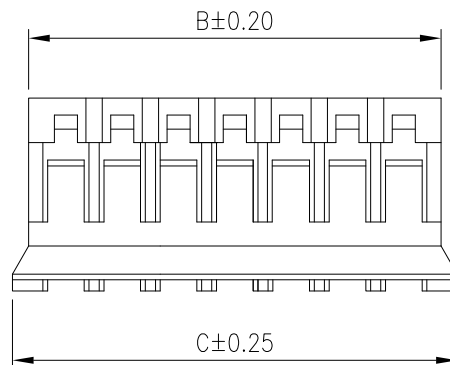
1. H : Housing
2. No. of Circuits 02~16



04~16PIN

03PIN

02PIN



Circuits	Dimension mm		
	A	B	C
2	2.0	4.65	5.8
A:2.0X(PART NO. OF PIN)-2.0 B:2.0X(PART NO. OF PIN)+0.65 C:2.0X(PART NO. OF PIN)+1.8			
16	30.0	32.65	33.8

TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.0mm(.079") Pitch Wire to Wire Housing			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.05				
ANGULAR	--				
APPROVALS					
DRAWN	Denise 01-March-2009	VIEW 	SCALE 4:1	PART NO. YY-1100-H**	REV. A1
CHECKED	Kang 01-March-2009	UNIT	SIZE A4	DWG NO. YY-1100-H**-014	SHEET 1 OF 1
APPROVED	Jessica 01-March-2009				



C^{RI}US E182481

REV	DESCRIPTION	DATE

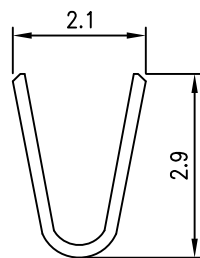
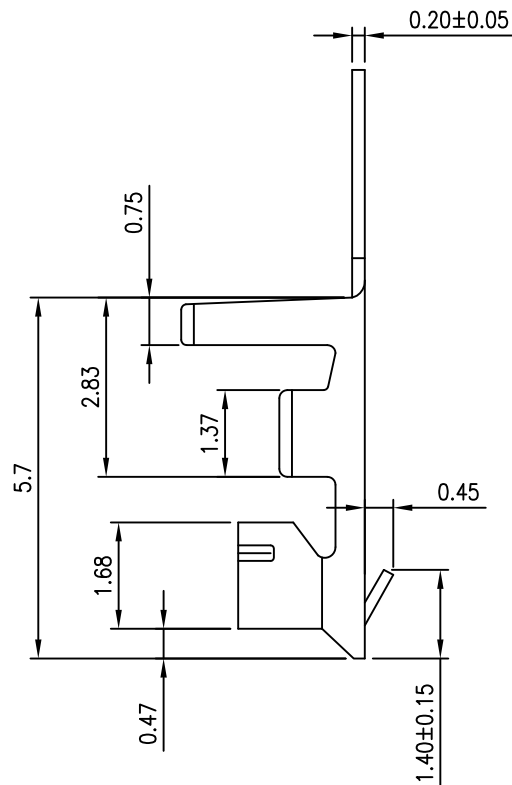
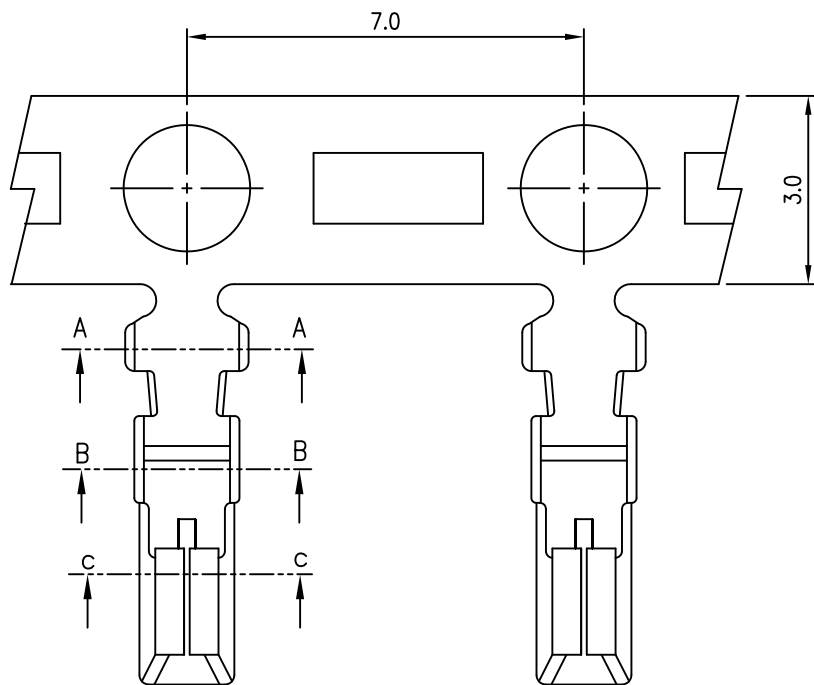
NOTES

Used in YY-1100-H Series Housing
Accepts AWG #24~30 Wire Range
Insulation O.D.= 0.8mm(Min.) 1.45mm(Max.)
Material : Phosphor Bronze
Finish : Tin Plated , Pre-tinned
Qty/Reel : 10,000 PCS
Thickness: 0.2mm

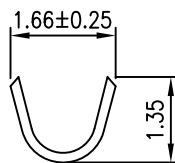
ORDERING INFORMATION

YY-1100 - $\frac{T}{1} \frac{TA}{2} \frac{P}{3}$

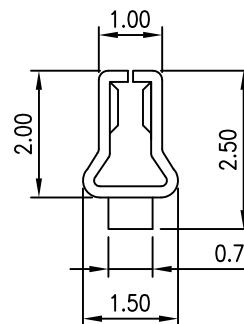
1. T : Terminal
2. TA : Tin Plated , Pre-tinned
3. Material :
P : Phosphor Bronze



A-A



B-B



C-C

TOLERANCE	
X.	--
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
ANGULAR	--

APPROVALS	
DRAWN	Frank
CHECKED	Denise
APPROVED	Jessica
25-October-2011	25-October-2011
25-October-2011	25-October-2011



Young Yak Enterprise Co.,Ltd.

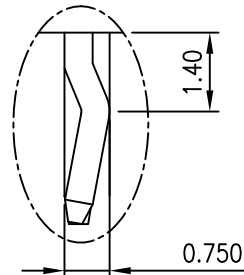
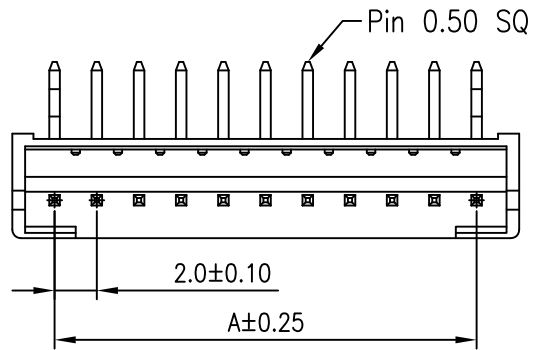
TITLE
2.0mm (.079") Pitch
Wire to Board Terminal

VIEW	SCALE	PART NO.	REV.
	F	YY-1100-TTAP	A0
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-1100-TTAP-014	1 OF 1

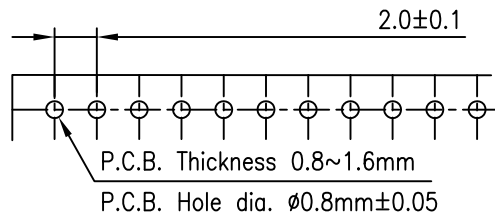
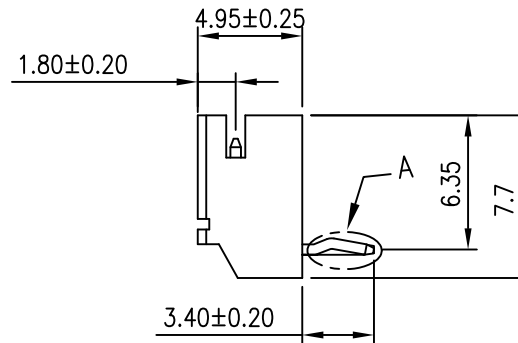
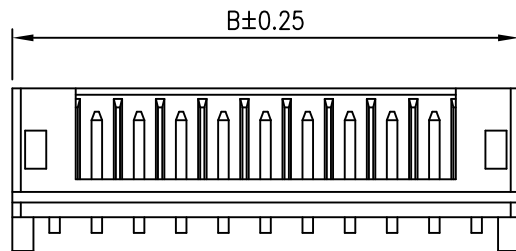
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2011.10.25
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C^{UL} US E182481



DETAIL A



P.C.B. LAYOUT

Circuits	Dimension mm		
	A	B	
2	2.0	6.0	
A: 2.0 X (PART NO. OF PIN -1) B: 4.0 +A			
16	30.0	34.0	

NOTES

Available in 02 through 16 Circuits
Material: Nylon 66 UL94-V0
Accepts YY-1100-T Crimp Terminal
Mates with YY-1100-H Series Housing
0.5mm(.020") Square Pin
PIN Material: Brass/Tin-Plated or Gold-Plated

ORDERING INFORMATION

YY-1100 - W ** R *
 1 2 3

1. No. of Circuits 02~16
2. R : Right Angle
3. Plated

T : Tin
G : Gold

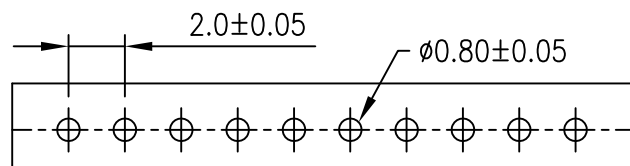
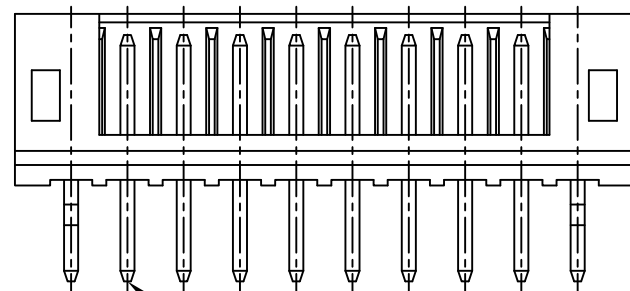
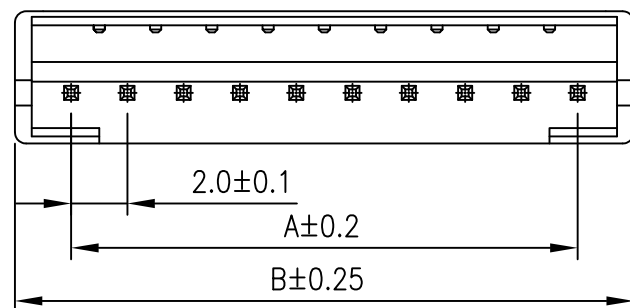


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TITLE
2.0mm(.079") Pitch
Wire to Board Header

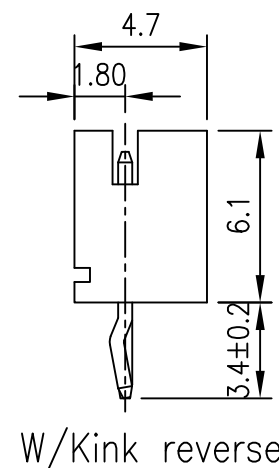
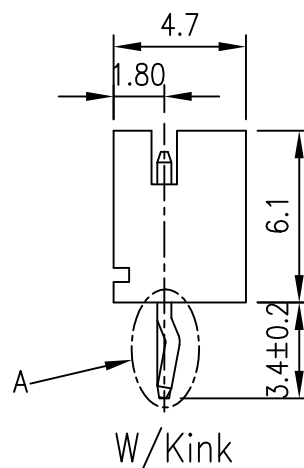
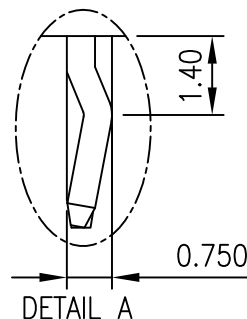
TOLERANCE					
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.05				
ANGULAR	--				
APPROVALS					
DRAWN	Frank	VIEW 	SCALE 3:1	PART NO. YY-1100-W**R*	REV. A0
CHECKED	Denise				
APPROVED	Jessica	UNIT MM	SIZE A4	DWG NO. YY-1100-W**R*-014	SHEET 1 OF 1
02-October-2009					

Young Yak
2009.10.06
ISSUED

C **YI** US E182481

RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS:1.60MM

Hole dimensions differ according to the kind of PCB and piercing method.
Before drilling the holes please give consideration to "a loose or a tight fit"
in the board. The hole dimensions shown above are reference values.



NOTES

Available in 02 through 16 Circuits
Material: Nylon 66 UL94-V0
Accepts YY-1100-T Crimp Terminal
Mates with YY-1100-H Series Housing
0.5mm(.020") Square Pin
Pin Material: Brass/Tin-Plated or Gold-Plated

ORDERING INFORMATION

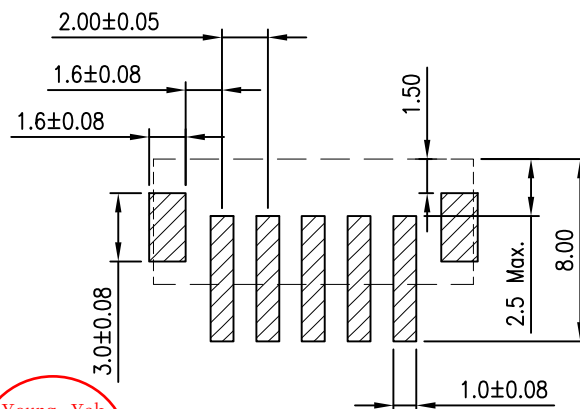
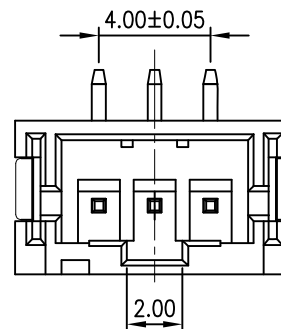
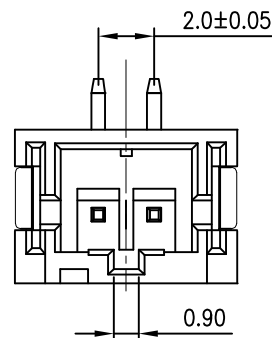
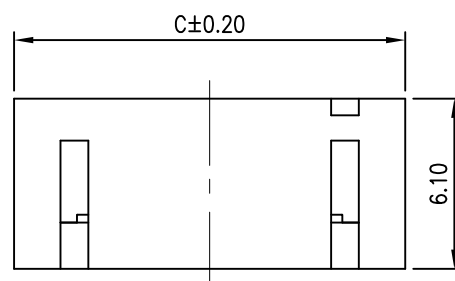
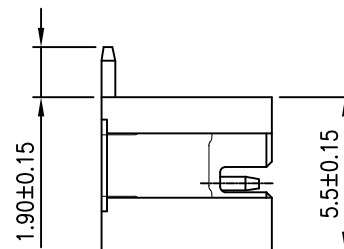
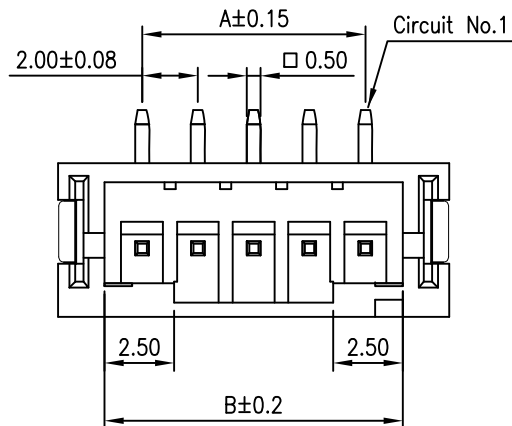
YY-1100 - W ** S * *
 1 2 3 4

- No. of Circuits 02~16
- S : Straight
- Plated
T : Tin G : Gold
- : W/Kink
1 : W/Kink reverse

Circuits	Dimension mm		
	A	B	
2	2.0	6.0	
3	4.0	8.0	
A: 2.0 X (PART NO. OF PIN -1) B: 4.0 +A			
16	30.0	34.0	

TOLERANCE	
X.	--
X.X	±0.25
X.XX	±0.15
X.XXX	±0.05
ANGULAR	--
APPROVALS	
DRAWN	Frank
CHECKED	Denise
APPROVED	Jessica

Young Yak Enterprise Co., Ltd.			
TITLE 2.0mm(.079") Pitch Wire to Board Header			
VIEW 	SCALE 3:1	PART NO. YY-1100-W**S**	REV. A0
UNIT MM	SIZE A4	DWG NO. YY-1100-W**S**-014	SHEET 1 OF 1

C^{UL} US E182481

P.C.B LAYOUT

Circuits	Dimension mm			Circuits	Dimension mm		
	A	B	C		A	B	C
2	2.00	4.70	8.00	10	18.00	20.70	24.00
3	4.00	6.70	10.00	11	20.00	22.70	26.00
4	6.00	8.70	12.00	12	22.00	24.70	28.00
5	8.00	10.70	14.00	13	24.00	26.70	30.00
6	10.00	12.70	16.00	14	26.00	28.70	32.00
7	12.00	14.70	18.00	15	28.00	30.70	34.00
8	14.00	16.70	20.00	16	30.00	32.70	36.00
9	16.00	18.70	22.00	--	--	--	--

TOLERANCE	
X.	--
X.X	±0.30
X.XX	±0.20
X.XXX	±0.10
ANGULAR	--
APPROVALS	
DRAWN	Kang 04-July-2013
CHECKED	Denise 04-July-2013
APPROVED	Jessic 04-July-2013



Young Yak Enterprise Co., Ltd.

TITLE
2.0mm(.079") Pitch
Wire to Board Header

VIEW	SCALE	PART NO.	REV.
	F	YY-1100-S**STA	A0
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-1100-S**STA-217	1 OF 1

NOTES

Available in 02 through 16 Circuits
Material: High Temperature Plastic UL94-V0
Accepts YY-1100-T Crimp Terminal
Mates with YY-1100-H Series Housing
0.5mm(.020") Square Pin
PIN Material: Brass/Tin-Plated
Solder Tabs Material: Phosphor Bronze/Tin-Plated
Packing: 1,000 Pcs/Reel

SPECIFICATION

Voltage rating: 100V AC/DC
Current rating: 2A AC/DC
Insulation Resistance: 1000MΩ Min.
Contact resistance: 10mΩ Max.
After environmental testing: 20mΩ Max.
Dielectric Withstanding Voltage: 800V AC/minute
Operation temperature: -25°C to +85°C

ORDERING INFORMATION

YY-1100 - S ** S T A

1 2 3 4

1. S : SMT

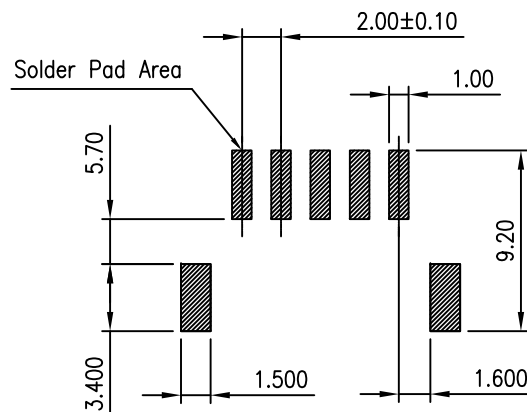
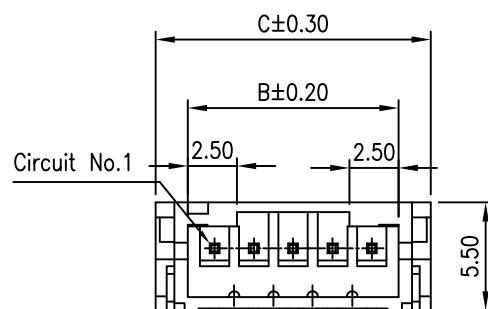
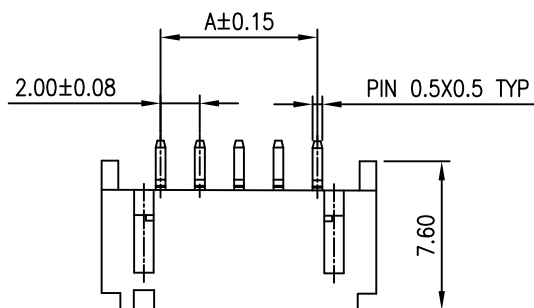
2. No. of Circuits 02~16

3. S : Straight

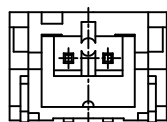
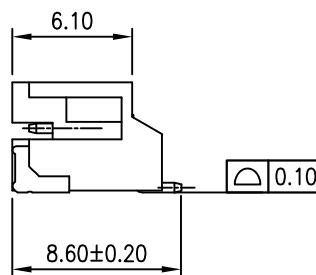
Plated

T : Tin-Plated

Young Yak
2013.07.04
ISSUED

C^{RI}US E182481

RECOMMENDED P.C.B LAYOUT



2 P

Circuits	Dimension mm			Circuits	Dimension mm			TOLERANCE	
	A	B	C		A	B	C		
2	2.00	4.70	8.00	12	22.00	24.70	28.00	X.	--
3	4.00	6.70	10.00	13	24.00	26.70	30.00	X.X	±0.30
4	6.00	8.70	12.00	14	26.00	28.70	32.00	X.XX	±0.20
5	8.00	10.70	14.00	15	28.00	30.70	34.00	X.XXX	±0.10
6	10.00	12.70	16.00	16	30.00	32.70	36.00	ANGULAR	--
7	12.00	14.70	18.00	17	32.00	34.70	38.00	APPROVALS	
8	14.00	16.70	20.00	18	34.00	36.70	40.00		
9	16.00	18.70	22.00	19	36.00	38.70	42.00	DRAWN	Kang
10	18.00	20.70	24.00	20	38.00	40.70	44.00	04-July-2013	
11	20.00	22.70	26.00	--	--	--	--	CHECKED	Denise
								04-July-2013	
								APPROVED	Jessic
								04-July-2013	

NOTES

Available in 02 through 20 Circuits
Material: High Temperature Plastic UL94-V0
Accepts YY-1100-T Crimp Terminal
Mates with YY-1100-H Series Housing
0.5mm(.020") Square Pin
PIN Material: Brass/Tin-Plated
Solder Tabs Material: Phosphor Bronze/Tin-Plated
Packing: 1,000 Pcs/Reel

SPECIFICATION

Voltage rating: 100V AC/DC
Current rating: 2A AC/DC
Insulation Resistance: 1000MΩ Min.
Contact resistance: 10mΩ Max.
After environmental testing: 20mΩ Max.
Dielectric Withstanding Voltage: 800V AC/minute
Operation temperature: -25°C to +85°C

ORDERING INFORMATION

YY-1100 - S ** R T A

1 2 3 4

1. S : SMT
 2. No. of Circuits 02~20
 3. R : Right Angle
 4. Plated
- T : Tin-Plated



Young Yak Enterprise Co., Ltd.

TITLE
2.0mm(.079") Pitch
Wire to Board Header

VIEW	SCALE	PART NO.	REV.
	F	YY-1100-S**RTA	A0
UNIT	SIZE	DWG NO.	SHEET
MM	A4	YY-1100-S**RTA-217	1 OF 1

Young Yak
2013.07.08
ISSUED