

RECOMMENDED PCB LAYOUT
UNEVEN POLE NUMBERS

RECOMMENDED PCB LAYOUT
EVEN POLE NUMBERS

REV	DESCRIPTION	DATE

NOTES

Compliant with IEC 60335-1 & IEC 60695-2-11
End-Product GWT750°C No Flame
Body: Nylon 66 UL 94-V0
Contact tab: Brass , tin-plating over nickel
Color: Nature
Packing: Bag

SPECIFICATION

Voltage rating: 32V AC
Current rating: 4A / 40°C
2A / 105°C
Insulation Resistance: 1,000 MΩ Min.
Operation temperature: -40°C to +105°C
Dielectric Withstanding Voltage: 1.4KV
Contact Resistance: 10 mΩ Max.

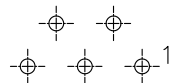
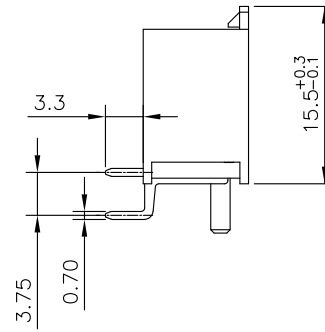
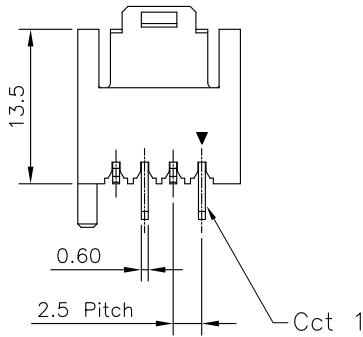
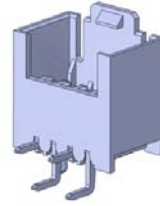
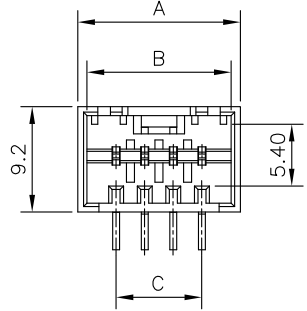
ORDERING INFORMATION

YY - A2550 - W ** - K** - 1
 1 2 3

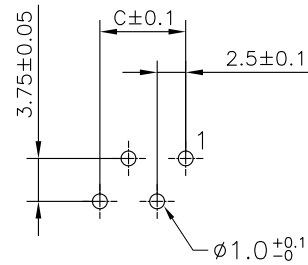
1. W : Tab Header
2. No. of Circuits 02 ~ 20
3. Keying code to be completed by further details.
(see keying codes No.)

Part number	Poles	Dimension			Part number	Poles	Dimension			Part number	Poles	Dimension		
		A±0.25	B+0.40/-0.00	C±0.15			A±0.35	B+0.40/-0.00	C±0.15			A±0.35	B+0.40/-0.00	C±0.15
A2550-W02-K**-1	2	9.20	7.60	2.50	A2550-W09-K**-1	9	26.70	25.10	20.00	A2550-W16-K**-1	16	44.20	42.60	37.50
A2550-W03-K**-1	3	11.70	10.10	5.00	A2550-W10-K**-1	10	29.20	27.60	22.50	A2550-W17-K**-1	17	46.70	45.10	40.00
A2550-W04-K**-1	4	14.20	12.60	7.50	A2550-W11-K**-1	11	31.70	30.10	25.00	A2550-W18-K**-1	18	49.20	47.60	42.50
A2550-W05-K**-1	5	16.70	15.10	10.00	A2550-W12-K**-1	12	34.20	32.60	27.50	A2550-W19-K**-1	19	51.70	50.10	45.00
A2550-W06-K**-1	6	19.20	17.60	12.50	A2550-W13-K**-1	13	36.70	35.10	30.00	A2550-W20-K**-1	20	54.20	52.60	47.50
A2550-W07-K**-1	7	21.70	20.10	15.00	A2550-W14-K**-1	14	39.20	37.60	32.50	--	--	--	--	--
A2550-W08-K**-1	8	24.20	22.60	17.50	A2550-W15-K**-1	15	41.70	40.10	35.00	--	--	--	--	--

TOLERANCE		Young Yak Enterprise Co., Ltd.			
X.	--	 TITLE 2.50mm (.098") Pitch Vertical Male Header			
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--	APPROVALS			
DRAWN	Kang	VIEW	SCALE	PART NO.	REV.
29-November-2013			1:1	YY-A2550-W**-K**	X1
CHECKED	Denise	UNIT	SIZE	DWG NO.	SHEET
29-November-2013		MM	A4	YY-A2550-W**-K**-014	1 OF 1
APPROVED	Jessica				
29-November-2013					



RECOMMENDED PCB LAYOUT
UNEVEN POLE NUMBERS



RECOMMENDED PCB LAYOUT
EVEN POLE NUMBERS

REV	DESCRIPTION	DATE

NOTES

Compliant with IEC 60335-1 & IEC 60695-2-11
End-Product GWT750°C No Flame
Body: Nylon 66 UL 94-V0
Contact tab: Brass , tin-plating over nickel
Color: Nature
Packing: Bag

SPECIFICATION

Voltage rating: 32V AC
Current rating: 4A / 40°C
2A / 105°C
Insulation Resistance: 1,000 MΩ Min.
Operation temperature: -40°C to +105°C
Dielectric Withstanding Voltage: 1.4KV
Contact Resistance: 10 mΩ Max.

ORDERING INFORMATION

YY - A2554 - W ** - K** - 1
 1 2 3


1. W : Tab Header
2. No. of Circuits 02 ~ 20
3. Keying code to be completed by further details.
(see keying codes No.)

Part number	Poles	Dimension			Part number	Poles	Dimension			Part number	Poles	Dimension		
		A±0.25	B ^{+0.40} _{-0.00}	C±0.15			A±0.35	B ^{+0.40} _{-0.00}	C±0.15			A±0.35	B ^{+0.40} _{-0.00}	C±0.15
A2554-W02-K**-1	2	9.20	7.60	2.50	A2554-W09-K**-1	9	26.70	25.10	20.00	A2554-W16-K**-1	16	44.20	42.60	37.50
A2554-W03-K**-1	3	11.70	10.10	5.00	A2554-W10-K**-1	10	29.20	27.60	22.50	A2554-W17-K**-1	17	46.70	45.10	40.00
A2554-W04-K**-1	4	14.20	12.60	7.50	A2554-W11-K**-1	11	31.70	30.10	25.00	A2554-W18-K**-1	18	49.20	47.60	42.50
A2554-W05-K**-1	5	16.70	15.10	10.00	A2554-W12-K**-1	12	34.20	32.60	27.50	A2554-W19-K**-1	19	51.70	50.10	45.00
A2554-W06-K**-1	6	19.20	17.60	12.50	A2554-W13-K**-1	13	36.70	35.10	30.00	A2554-W20-K**-1	20	54.20	52.60	47.50
A2554-W07-K**-1	7	21.70	20.10	15.00	A2554-W14-K**-1	14	39.20	37.60	32.50	--	--	--	--	--
A2554-W08-K**-1	8	24.20	22.60	17.50	A2554-W15-K**-1	15	41.70	40.10	35.00	--	--	--	--	--

TOLERANCE					
X.	--	Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Right Angle Male Header			
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--	APPROVALS DRAWN Kang 20-March-2014 CHECKED Denise 20-March-2014 APPROVED Jessica 20-March-2014			
VIEW	SCALE	PART NO.	REV.	UNIT MM	
	1:1	YY-A2554-W**-K**	X1	SIZE	A4
		DWG NO.	SHEET		
		YY-A2554-W**-K**-014	1 OF 1		

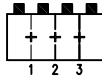
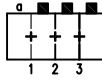
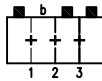
2 Circuits



Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K31	b	

3 Circuits

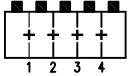
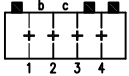
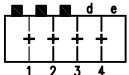
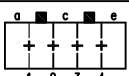
Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K30	a	
K31	b	

TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--				
APPROVALS					
DRAWN	Kang 20-March-2014	VIEW	SCALE	PART NO.	REV.
CHECKED	Denise 20-March-2014		1:1	YY-A2554-W**-K**	X1
APPROVED	Jessica 20-March-2014	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-A2554-W**-K**-014	1 OF 10

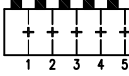
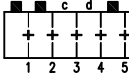
4 Circuits



Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K30	b c	
K43	d e	
K44	a c e	

5 Circuits

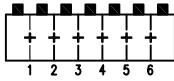
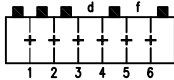
Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K30	c d	

TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR					
APPROVALS					
DRAWN	Kang	VIEW	SCALE	PART NO.	REV.
	20-March-2014		1:1	YY-A2554-W**-K**	X1
CHECKED	Denise	UNIT	SIZE	DWG NO.	SHEET
	20-March-2014	MM	A4	YY-A2554-W**-K**-014	2 OF 10
APPROVED	Jessica				
	20-March-2014				

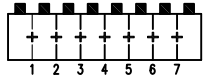
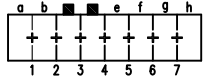
6 Circuits



Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K30	d f	

7 Circuits

Keying codes

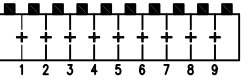
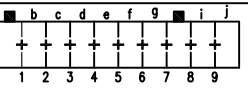
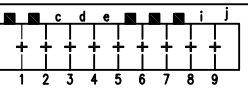
Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K39	a b e f g h	



TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR					
APPROVALS					
DRAWN	Kang	VIEW	SCALE	PART NO.	REV.
	20-March-2014		1:1	YY-A2554-W**-K**	X1
CHECKED	Denise	UNIT	SIZE	DWG NO.	SHEET
	20-March-2014	MM	A4	YY-A2554-W**-K**-014	3 OF 10
APPROVED	Jessica				
	20-March-2014				

8 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	

9 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K33	b c d e f g i j	
K55	c d e i j	



TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR					
APPROVALS					
DRAWN	Kang	VIEW	SCALE	PART NO.	REV.
	20-March-2014		1:1	YY-A2554-W**-K**	X1
CHECKED	Denise	UNIT	SIZE	DWG NO.	SHEET
	20-March-2014	MM	A4	YY-A2554-W**-K**-014	4 OF 10
APPROVED	Jessica				
	20-March-2014				

10 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K01	b c d i j	
K06	h i	

11 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	

TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--				
APPROVALS					
DRAWN	Kang	VIEW	SCALE	PART NO.	REV.
	20-March-2014		1:1	YY-A2554-W**-K**	X1
CHECKED	Denise	UNIT	SIZE	DWG NO.	SHEET
	20-March-2014	MM	A4	YY-A2554-W**-K**-014	5 OF 10
APPROVED	Jessica				
	20-March-2014				

12 Circuits



Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	

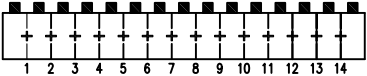
13 Circuits

Keying codes

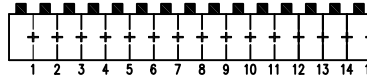
Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	



TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--				
APPROVALS					
DRAWN	Kang 20-March-2014	VIEW	SCALE	PART NO.	REV.
CHECKED	Denise 20-March-2014		1:1	YY-A2554-W**-K**	X1
APPROVED	Jessica 20-March-2014	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-A2554-W**-K**-014	6 OF 10

14 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	

15 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	



TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR					
APPROVALS					
DRAWN	Kang 20-March-2014	VIEW	SCALE	PART NO.	REV.
CHECKED	Denise 20-March-2014		1:1	YY-A2554-W**-K**	X1
APPROVED	Jessica 20-March-2014	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-A2554-W**-K**-014	7 OF 10

16 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	

17 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	

TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--				
APPROVALS					
DRAWN	Kang 20-March-2014	VIEW	SCALE	PART NO.	REV.
CHECKED	Denise 20-March-2014		1:1	YY-A2554-W**-K**	X1
APPROVED	Jessica 20-March-2014	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-A2554-W**-K**-014	8 OF 10

18 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	



19 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	
K02	c d e f g h l m n q r	

TOLERANCE		Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--	APPROVALS			
DRAWN	Kang 20-March-2014	VIEW	SCALE	PART NO.	REV.
CHECKED	Denise 20-March-2014		1:1	YY-A2554-W**-K**	X1
APPROVED	Jessica 20-March-2014	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-A2554-W**-K**-014	9 OF 10

20 Circuits Keying codes

Code	BLOCKED POSITION KEYS	CONFIGURATION
K00	NONE	

TOLERANCE		 Young Yak Enterprise Co., Ltd. TITLE 2.50mm (.098") Pitch Keying Codes			
X.	--				
X.X	±0.25				
X.XX	±0.15				
X.XXX	±0.10				
ANGULAR	--				
APPROVALS					
DRAWN	Kang 20-March-2014	VIEW	SCALE	PART NO.	REV.
CHECKED	Denise 20-March-2014		1:1	YY-A2554-W**-K**	X1
APPROVED	Jessica 20-March-2014	UNIT	SIZE	DWG NO.	SHEET
		MM	A4	YY-A2554-W**-K**-014	10 OF 10