

RoHS Compliant

Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:7.0A AC/DC

Voltage Rating:250V AC/DC

Operating Temperature Range:-25°~+85°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute

Ordering Information

A5083S-XXS-01-XA-EXX

1 2 3 4 56 7

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—S:Matte Tin Plated

5:—A:PA66 UL94V-0 Natural

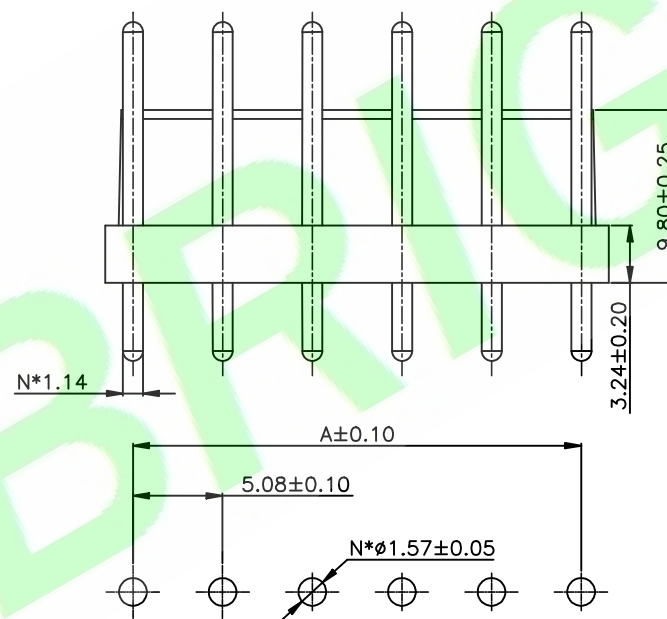
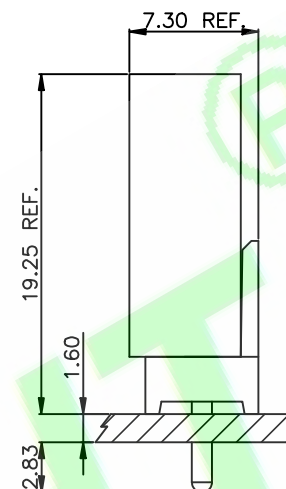
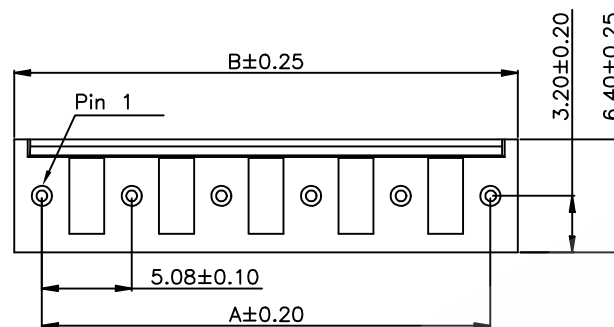
B:PA66 UL94V-2 Translucent

C:PA66+30%GF UL94V-2 Translucent

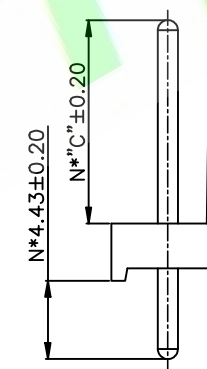
6:—A:In Bag

7:—Empty PIN

(please refer to Table 1)



P.C.B LAYOUT



Circuit No.	Dimensions	
	A	B
02	5.08	8.20
03	10.16	13.28
04	15.24	18.36
05	20.32	23.44
06	25.40	28.52
07	30.48	33.60
08	35.56	38.68
09	40.64	43.76
10	45.72	48.84
11	50.80	53.92
12	55.88	59.00
13	60.96	64.08
14	66.04	69.16
15	71.12	74.24
16	76.20	79.32
17	81.28	84.40

DR.BY.: JoinZm	GENERAL TOLERANCE:		PART NO : A5083S-XXS-01-XA-EXX
	LINEAR	ANGLES	
CHKD.: Judyyan	X.: ±0.20	X°: ±3.0°	DWG. NO.:
	X.X: ±0.10	X.X°: ±3.0°	
APPD.: Billy	X.XX: ±0.05	X.XX°: ±3.0°	TITLE : 5.08mm Pitch Wafer Straight Type Empty
	X.XXX: ±0.05	X.XXX°: ±3.0°	
DATE: 13-Sep-2023			

HJBRIGHT® 东莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/2
SCALE: 1:1
UNIT: mm



THIRD ANGLE PROJECTION

A4

1X	ORIGINAL	JoinZm	
REV	DESCRIPTION	DR.BY	ECN. NO

1		2		3		4		5		6		7		8	
Part Number		Empty PIN position		No.		Part Number		Empty PIN position		No.		RoHS Compliant			
A	A5083S-03S-01-XA-E1A	1*3PIN Empty 1IN		3PIN	A5083S-08S-01-XA-E1F	1*8PIN Empty6PIN		8PIN	® HT						
	A5083S-03S-01-XA-E1B	1*3PIN Empty2IN			A5083S-08S-01-XA-E1G	1*8PIN Empty7PIN									
	A5083S-03S-01-XA-E1C	1*3PIN Empty2IN			A5083S-09S-01-XA-E1A	1*9PIN Empty2PIN									
	A5083S-04S-01-XA-E2A	1*4PIN Empty2PIN; 3PIN		4PIN	A5083S-09S-01-XA-E1B	1*9PIN Empty3PIN		9PIN							
	A5083S-04S-01-XA-E2B	1*4PIN Empty1PIN; 3PIN			A5083S-09S-01-XA-E1C	1*9PIN Empty4PIN									
	A5083S-04S-01-XA-E1A	1*4PIN Empty2PIN			A5083S-09S-01-XA-E2A	1*9PIN Empty4PIN; 7PIN									
A5083S-04S-01-XA-E2A	1*4PIN Empty3PIN		A5083S-09S-01-XA-E1D	1*9PIN Empty5PIN											
B	A5083S-05S-01-XA-E1A	1*5PIN Empty2PIN		5PIN	A5083S-09S-01-XA-E1E	1*9PIN Empty6PIN		10PIN							
	A5083S-05S-01-XA-E2A	1*5PIN Empty2PIN; 4PIN			A5083S-09S-01-XA-E1F	1*9PIN Empty7PIN									
	A5083S-05S-01-XA-E1B	1*5PIN Empty3PIN			A5083S-10S-01-XA-E1A	1*10PIN Empty3PIN									
	A5083S-05S-01-XA-E1C	1*5PIN Empty4PIN			A5083S-10S-01-XA-E1B	1*10PIN Empty4PIN									
	A5083S-05S-01-XA-E1D	1*5PIN Empty5PIN			A5083S-10S-01-XA-E1C	1*10PIN Empty6PIN									
	A5083S-05S-01-XA-E1A	1*6PIN Empty2PIN			A5083S-10S-01-XA-E2A	1*10PIN Empty5PIN; 8PIN									
C	A5083S-05S-01-XA-E1B	1*6PIN Empty3PIN		6PIN	A5083S-11S-01-XA-E2A	1*11PIN Empty5PIN; 8PIN		11PIN							
	A5083S-05S-01-XA-E1C	1*6PIN Empty4PIN			A5083S-09S-01-XA-E1A	1*9PIN Empty2PIN		9PIN							
	A5083S-05S-01-XA-E1D	1*6PIN Empty5PIN			A5083S-09S-01-XA-E1B	1*9PIN Empty3PIN									
	A5083S-05S-01-XA-E2A	1*6PIN Empty4PIN; 5PIN			A5083S-09S-01-XA-E1C	1*9PIN Empty4PIN									
	A5083S-05S-01-XA-E1E	1*6PIN Empty6PIN			A5083S-09S-01-XA-E2A	1*9PIN Empty4PIN; 7PIN									
	A5083S-07S-01-XA-E1A	1*7PIN Empty2PIN			A5083S-09S-01-XA-E1D	1*9PIN Empty5PIN		10PIN							
D	A5083S-07S-01-XA-E2A	1*7PIN Empty2PIN; 5PIN		7PIN	A5083S-09S-01-XA-E1E	1*9PIN Empty6PIN			11PIN						
	A5083S-07S-01-XA-E1B	1*7PIN Empty3PIN			A5083S-09S-01-XA-E1F	1*9PIN Empty7PIN									
	A5083S-07S-01-XA-E1C	1*7PIN Empty4PIN			A5083S-10S-01-XA-E1A	1*10PIN Empty3PIN									
	A5083S-07S-01-XA-E1D	1*7PIN Empty5PIN			A5083S-10S-01-XA-E1B	1*10PIN Empty4PIN									
	A5083S-07S-01-XA-E1E	1*7PIN Empty6PIN			A5083S-10S-01-XA-E1C	1*10PIN Empty6PIN									
	A5083S-08S-01-XA-E1A	1*8PIN Empty2PIN			A5083S-10S-01-XA-E2A	1*10PIN Empty5PIN; 8PIN		12PIN							
E	A5083S-08S-01-XA-E1B	1*8PIN Empty3PIN		A5083S-11S-01-XA-E2A	1*11PIN Empty5PIN; 8PIN										
	A5083S-08S-01-XA-E1C	1*8PIN Empty4PIN		A5083S-12S-01-XA-E1A	1*12PIN Empty2PIN										
	A5083S-08S-01-XA-E1D	1*8PIN Empty5PIN		A5083S-12S-01-XA-E1B	1*12PIN Empty4PIN										
	A5083S-08S-01-XA-E2A	1*8PIN Empty1PIN; 5PIN		A5083S-12S-01-XA-E1C	1*12PIN Empty6PIN										
	A5083S-08S-01-XA-E2B	1*8PIN Empty3PIN; 5PIN		A5083S-12S-01-XA-E1D	1*12PIN Empty8PIN										
	A5083S-08S-01-XA-E2C	1*8PIN Empty3PIN; 6PIN		A5083S-12S-01-XA-E1E	1*12PIN Empty9PIN										
	A5083S-08S-01-XA-E2D	1*8PIN Empty5PIN; 7PIN		A5083S-12S-01-XA-E2A	1*12PIN Empty3PIN; 10PIN										
	A5083S-08S-01-XA-E2E	1*8PIN Empty5PIN; 8PIN		A5083S-12S-01-XA-E2B	1*12PIN Empty6PIN; 10PIN										
				DR.BY: JoinZm		GENERAL TOLERANCE:		PART NO : A5083S-XXS-01-XA-EXX		HJBRIGHT® 东莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED					
				CHKD: Judyyan		LINEAR		ANGLES						DWG. NO.:	
						x.: x.: ±3.0°		TITLE : 5.08mm Pitch Wafer Straight Type Empty						SHEET: 2/2	
						x.x: ±0.20 x.x: ±3.0°								SCALE: 1:1	
				APPD: Billy		x.xx: ±0.10 x.xx: ±3.0°		DATE: 13-Sep-2023		UNIT: mm		THIRD ANGLE PROJECTION		A4	
				x.xxx: ±0.05 x.xxx: ±3.0°											
1X ORIGINAL		JoinZm													
REV DESCRIPTION		DR.BY		ECN. NO											
1		2		3		4		5		6		7		8	