

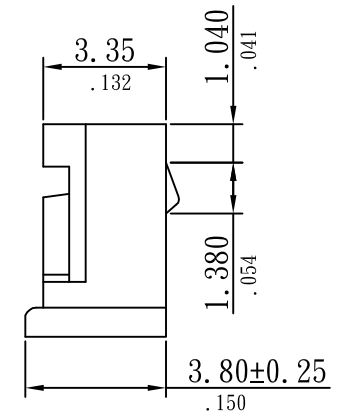
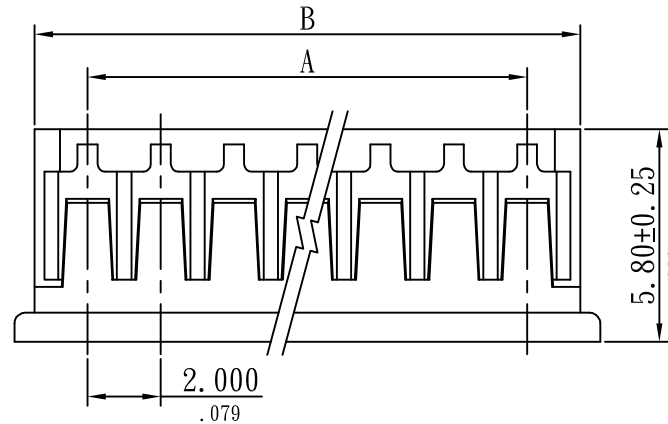
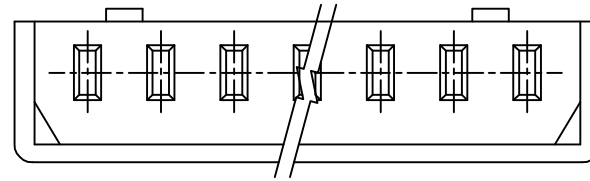
# 2.00mm(.079") HOUSING

## MATERIAL

Insulator: Nylon 66 UL 94V-0  
 Color: White

## SPECIFICATIONS

Temperature range: -25°C ~ +85°C  
 Current rating: 2.0A  
 Voltage rating: 125V AC  
 Dielectric withstand voltage: 800V AC  
 Insulation resistance: 1000 MΩ Min.  
 Contact resistance: 0.02Ω Max.  
 Mates with S.Y.E. R5583 Terminal  
 Mates with S.Y.E. R5581 Wafer(Headers)



R 5580-xxP  
 1 2 3

1. RoHS
2. Series No.
3. Pin No.

## Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	2.00(0.079)	4.90(0.193)	9	16.00(0.630)	18.90(0.744)
3	4.00(0.157)	6.90(0.272)	10	18.00(0.709)	20.90(0.823)
4	6.00(0.236)	8.90(0.350)	11	20.00(0.787)	22.90(0.902)
5	8.00(0.315)	10.90(0.429)	12	22.00(0.866)	24.90(0.980)
6	10.00(0.394)	12.90(0.508)	13	24.00(0.945)	26.90(1.059)
7	12.00(0.472)	14.90(0.587)	14	26.00(1.024)	28.90(1.138)
8	14.00(0.551)	16.90(0.665)	15	28.00(1.102)	30.90(1.217)



Sunny Young Enterprise Co., Ltd.

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S008	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2008.10.22	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008.10.22	CAD NO	B						.00 ±0.20(.008)
APPROVED	MARS	2008.10.22	R5580-xxP	C						.000±0.10(.004)
									PROJECTION:	

PART NO

R5580-xxP

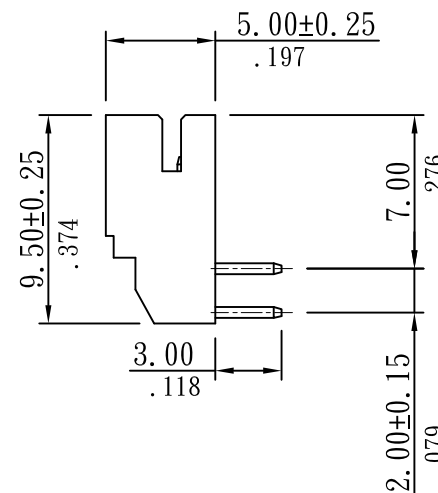
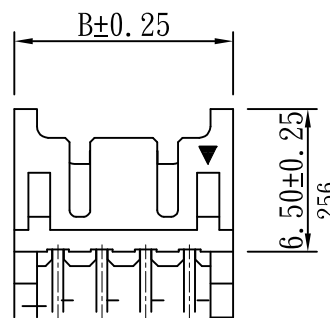
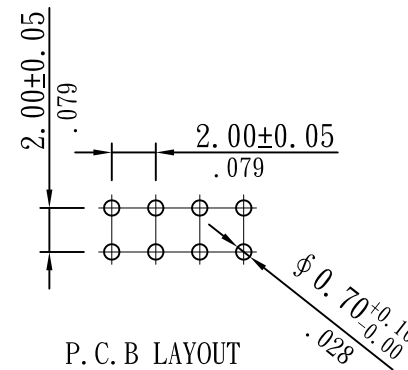
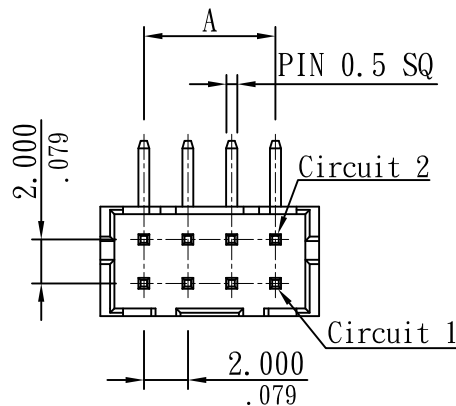
# 2.00mm(.079") PITCH WAFER 90°

## MATERIAL

Insulator: Nylon 66, UL94V-0  
 Color: Pantone 7528C  
 Contact: Brass  
 Plating: Tin Plated

## SPECIFICATIONS

Temperature range: -25°C ~ +85°C  
 Current rating: 3A AC  
 Voltage rating: 250V AC  
 Dielectric withstand voltage: 800V AC/minute  
 Insulation resistance: 1000 MΩ min.  
 Contact resistance: 0.01Ω max.  
 Mates with S.Y.E. R5580-xx Housing



R 5581-xx T R  
 1 2 3 4 5

## Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
4	2.00(0.079)	6.00(0.236)	24	22.00(0.866)	26.00(1.024)
6	4.00(0.157)	8.00(0.315)	26	24.00(0.945)	28.00(1.102)
8	6.00(0.236)	10.00(0.394)	28	26.00(1.024)	30.00(1.181)
10	8.00(0.315)	12.00(0.472)	30	28.00(1.102)	32.00(1.260)
12	10.00(0.394)	14.00(0.551)	32	30.00(1.181)	34.00(1.339)
14	12.00(0.472)	16.00(0.630)	34	32.00(1.260)	36.00(1.417)
16	14.00(0.551)	18.00(0.709)	36	34.00(1.339)	38.00(1.496)
18	16.00(0.630)	20.00(0.787)	38	36.00(1.417)	40.00(1.575)
20	18.00(0.709)	22.00(0.866)	40	38.00(1.496)	42.00(1.654)
22	20.00(0.787)	24.00(0.945)			

1. RoHS
2. Series
3. Pin No.
4. Tin Plated
5. Right Angle



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S008	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2008.10.14	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008.10.14	CAD NO	B						.00 ±0.20(.008)
APPROVED	MARS	2008.10.14	R5581-xxTR	C						.000±0.10(.004)
									PROJECTION:	

PART NO

R5581-xxTR

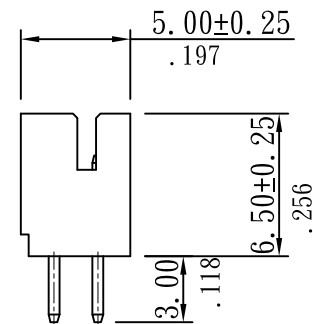
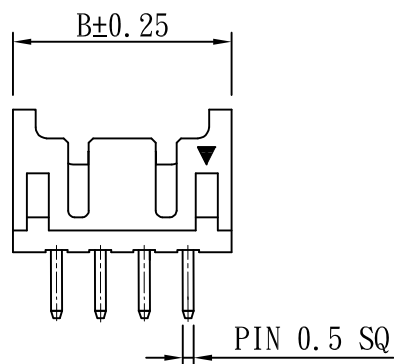
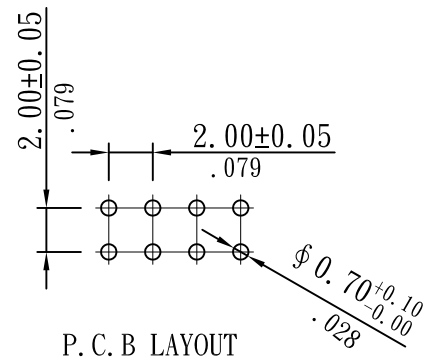
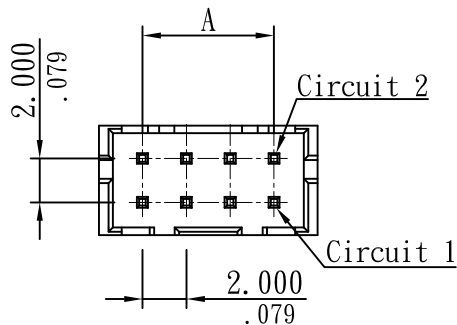
# 2.00mm(.079") PITCH WAFER 180°

## MATERIAL

Insulator: Nylon 66, UL94V-0  
 Color: Pantone 7528C  
 Contact: Brass  
 Plating: Tin Plated

## SPECIFICATIONS

Temperature range: -25°C ~ +85°C  
 Current rating: 3A AC  
 Voltage rating: 250V AC  
 Dielectric withstand voltage: 800V AC/minute  
 Insulation resistance: 1000 MΩ min.  
 Contact resistance: 10mΩ max.  
 Mates with S.Y.E. R5580-xxP Housing



R 5581-xx T S  
 1 2 3 4 5

## Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
4	2.00(0.079)	6.00(0.236)	24	22.00(0.866)	26.00(1.024)
6	4.00(0.157)	8.00(0.315)	26	24.00(0.945)	28.00(1.102)
8	6.00(0.236)	10.00(0.394)	28	26.00(1.024)	30.00(1.181)
10	8.00(0.315)	12.00(0.472)	30	28.00(1.102)	32.00(1.260)
12	10.00(0.394)	14.00(0.551)	32	30.00(1.181)	34.00(1.339)
14	12.00(0.472)	16.00(0.630)	34	32.00(1.260)	36.00(1.417)
16	14.00(0.551)	18.00(0.709)	36	34.00(1.339)	38.00(1.496)
18	16.00(0.630)	20.00(0.787)	38	36.00(1.417)	40.00(1.575)
20	18.00(0.709)	22.00(0.866)	40	38.00(1.496)	42.00(1.654)
22	20.00(0.787)	24.00(0.945)			

- RoHS
- Series
- Pin No.
- Tin Plated
- Straight Type



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S008	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2008.10.13	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008.10.13	CAD NO	B						.00 ±0.20(.008)
APPROVED	MARS	2008.10.13	R5581-xxTS	C						.000±0.10(.004)
									PROJECTION:	

PART NO

R5581-xxTS

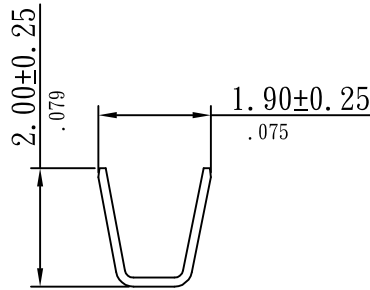
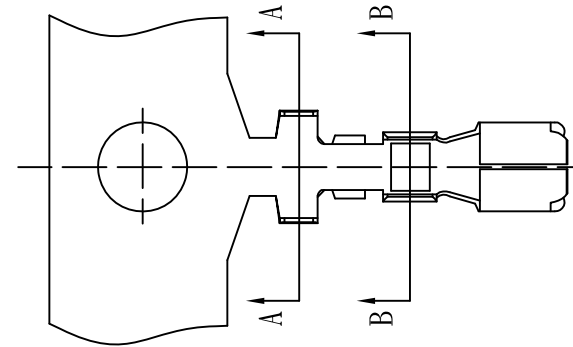
# TERMINAL

## SPECIFICATIONS

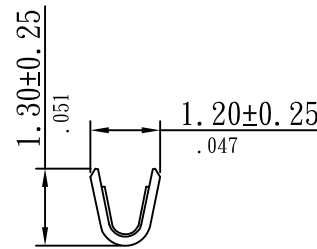
Contact : Phosphor bronze  
 Plating : Tin plated  
 Applicable wire : AWG 24 ~ AWG 30  
 Insulation O.D: 1.40mm Max.  
 Used in S.Y.E. R5580-xxP Housing

R 5583-P T  
 1 2 3 4

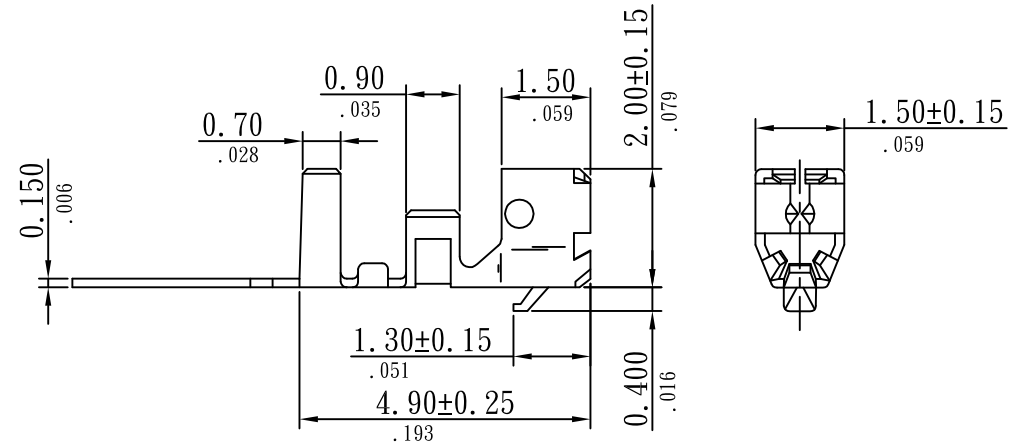
1. RoHS
2. Series No.
3. Phosphor bronze
4. Tin plated



SECTION A-A



SECTION B-B



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PART NO

R5583-PT

S008	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2008. 11. 07	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008. 11. 07	CAD NO	B				.00 ±0.20(.008)		
APPROVED	MARS	2008. 11. 07	R5583-PT	C				.000±0.10(.004)		
									PROJECTION:	