

2.00mm(.079") HOUSING

MATERIAL

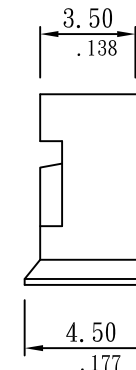
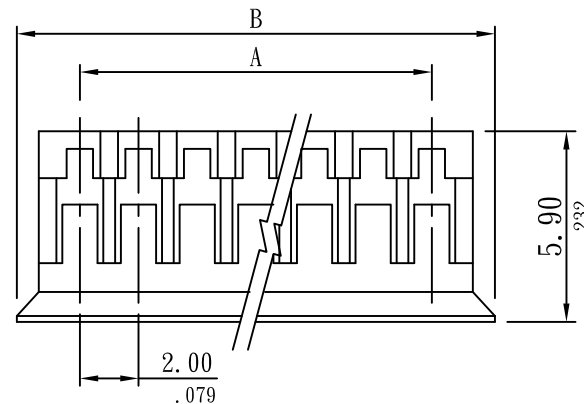
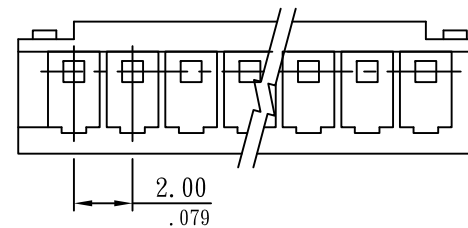
Insulator: Nylon 66 UL 94V-0
Color: Brown

SPECIFICATIONS

Temperature range: -25°C ~ +85°C
Current rating: 1.0A
Voltage rating: 250V AC
Dielectric withstand voltage: 800V AC
Insulation resistance: 1000 MΩ Min.
Contact resistance: 0.02Ω Max.

Mates with S.Y.E. R5523 Terminal

Mates with S.Y.E. R5521 Wafer(Headers)



Order Information

R 5520-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)	5.60(0.220)	9	16.00(0.630)	19.60(0.772)
3	4.00(0.157)	7.60(0.299)	10	18.00(0.709)	21.60(0.850)
4	6.00(0.236)	9.60(0.378)	11	20.00(0.787)	23.60(0.929)
5	8.00(0.315)	11.60(0.457)	12	22.00(0.866)	25.60(1.008)
6	10.00(0.394)	13.60(0.535)	13	24.00(0.945)	27.60(1.087)
7	12.00(0.472)	15.60(0.614)	14	26.00(1.024)	29.60(1.165)
8	14.00(0.551)	17.60(0.693)	15	28.00(1.102)	31.60(1.244)



Sunny Young Enterprise Co., Ltd.

S. Y. E. <http://www.sunnyyoung.com.tw>

13F., No. 116, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan

Tel:+886 2 2696 1668(REP) Fax:+886 2 2696 2668

S059	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2012. 10. 03	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED			CAD NO	B						.00 ±0.20(.008)
										.000±0.10(.004)
APPROVED	TINA	2012. 10. 03	R5520-xxP	C					PROJECTION:	

PART NO

R5520-xxP

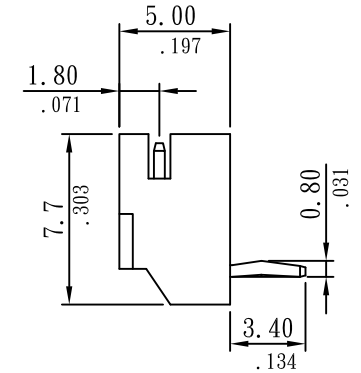
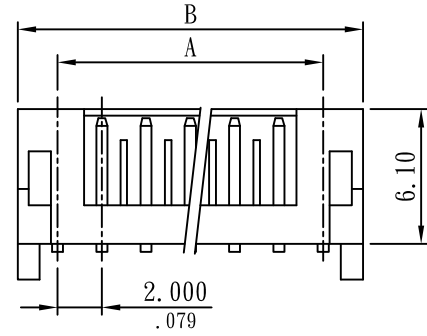
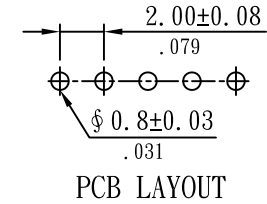
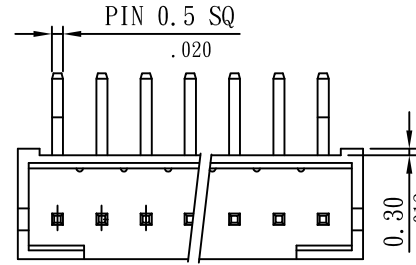
2.00mm(.079") WAFER 90°

MATERIAL

Insulator: Nylon 66 UL 94V-0
 Color: Brown
 Contact: Brass 0.50mm(.020") square pins
 Plating: Tin plated

SPECIFICATIONS

Temperature range: -25°C ~ +85°C
 Current rating: 1.0A
 Voltage rating: 250V AC
 Dielectric withstand voltage: 1000V AC
 Insulation resistance: 100 MΩ Min.
 Contact resistance: 0.02Ω Max.
 Mates with S. Y. E R5520-xxP Housing



Order Information

R 5521-xx T R
 1 2 3 4 5

1. RoHS
2. Series No.
3. Pin No.
4. Tin plated
5. Right angle

Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	2.00(0.079)	6.00(0.236)	9	16.00(0.630)	20.00(0.787)
3	4.00(0.157)	8.00(0.315)	10	18.00(0.709)	22.00(0.886)
4	6.00(0.236)	10.00(0.394)	11	20.00(0.787)	24.00(0.945)
5	8.00(0.315)	12.00(0.472)	12	22.00(0.866)	26.00(1.024)
6	10.00(0.394)	14.00(0.551)	13	24.00(0.945)	28.00(1.102)
7	12.00(0.472)	16.00(0.630)	14	26.00(1.024)	30.00(1.181)
8	14.00(0.551)	18.00(0.709)	15	28.00(1.102)	32.00(1.260)



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S059	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2012. 10. 11	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED			CAD NO	B						.00 ±0.20(.008)
APPROVED	TINA	2012. 10. 11	R5521-xxTR	C						.000±0.10(.004)
									PROJECTION:	

PART NO

R5521-xxTR

2.00mm(.079") WAFER 180°

MATERIAL

Insulator: Nylon 66 UL 94V-0
 Color: Brown
 Contact: Brass 0.50mm(.020") square pins
 Plating: Tin plated

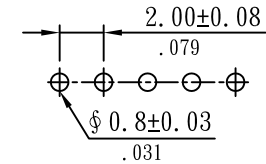
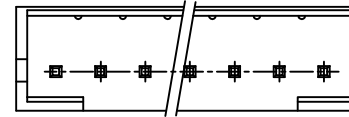
SPECIFICATIONS

Temperature range: -25°C ~ +85°C
 Current rating: 1.0A
 Voltage rating: 250V AC
 Dielectric withstand voltage: 1000V AC
 Insulation resistance: 100 MΩ Min.
 Contact resistance: 0.02Ω Max.
 Mates with S.Y.E. R5520-xx Housing

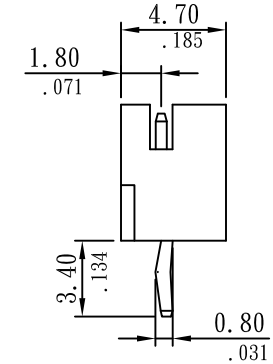
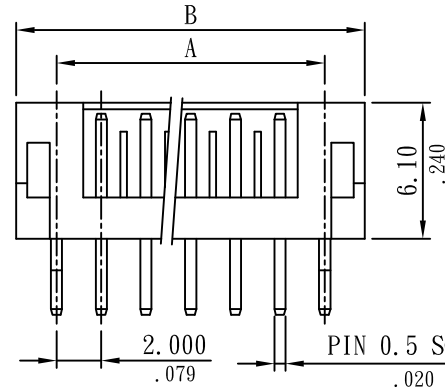
Order Information

R 5521-xx T S
 I 2 3 4 5

1. RoHS
2. Series No.
3. Pin No.
4. Tin plated
5. Straight angle



PCB LAYOUT



Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	2.00(0.079)	6.00(0.236)	9	16.00(0.630)	20.00(0.787)
3	4.00(0.157)	8.00(0.315)	10	18.00(0.709)	22.00(0.886)
4	6.00(0.236)	10.00(0.394)	11	20.00(0.787)	24.00(0.945)
5	8.00(0.315)	12.00(0.472)	12	22.00(0.866)	26.00(1.024)
6	10.00(0.394)	14.00(0.551)	13	24.00(0.945)	28.00(1.102)
7	12.00(0.472)	16.00(0.630)	14	26.00(1.024)	30.00(1.181)
8	14.00(0.551)	18.00(0.709)	15	28.00(1.102)	32.00(1.260)



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S059	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2012. 10. 03	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED			CAD NO	B						.00 ±0.20(.008)
APPROVED	TINA	2012. 10. 03	R5521-xxTS	C						.000±0.10(.004)

PART NO R5521-xxTS

PROJECTION:

2.00mm(.079") TERMINAL

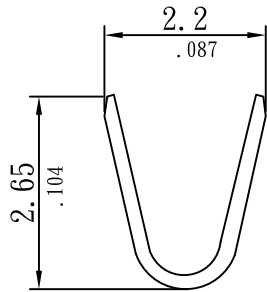
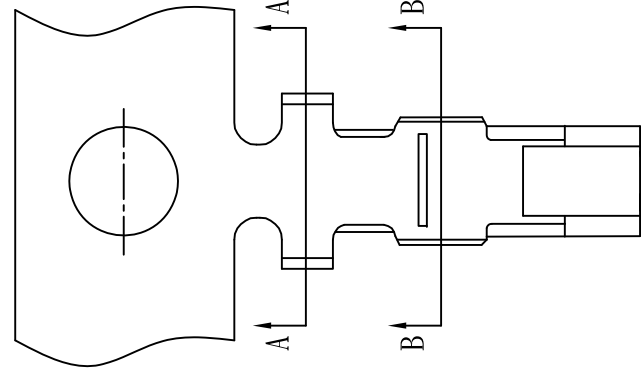
SPECIFICATIONS

Material: Phosphor Bronze
 Thickness : 0.20mm
 Plating : Tin plated
 Applicable wire : AWG 26 ~ AWG 28
 Insulation O.D. : 1.50mm Max.
 Used in S.Y.E. R5520-xxP Housing

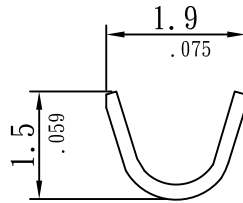
Order Information

R 5523-P T
 1 2 3 4

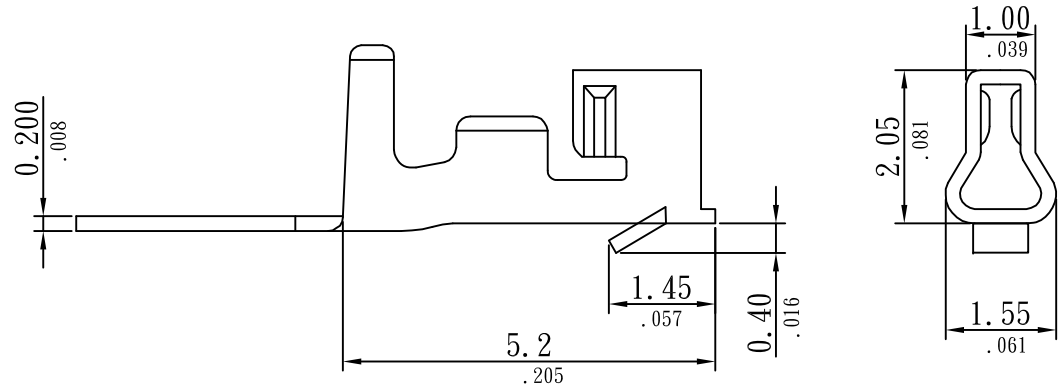
1. RoHS
2. Series No.
3. Phosphor bronze
4. Tin plated



SECTION A-A



SECTION B-B



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Tel: +886 2 2696 1668(REP) Fax: +886 2 2696 2668

PART NO

R5523-PT

S059

NAME

DATE

SCALE: NTS

REV NO

DATE

DESCRIPTION

BY

CHECKED

TOLERANCE UNLESS NOTED

DRAWN

PC

2012. 10. 03

UNIT: mm(in.)

A

LINEAR±

.0 ±0.30(.012)

.00 ±0.20(.008)

.000±0.10(.004)

CHECKED

CAD NO

B

APPROVED

TINA

2012. 10. 03

R5523-PT

C

PROJECTION:

