

2.00mm(.079") HOUSING

MATERIAL

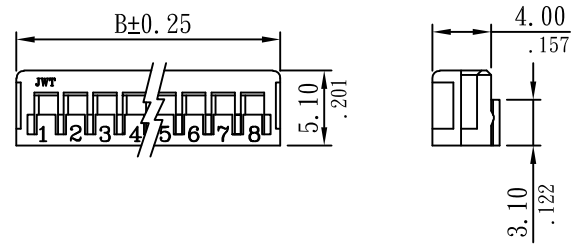
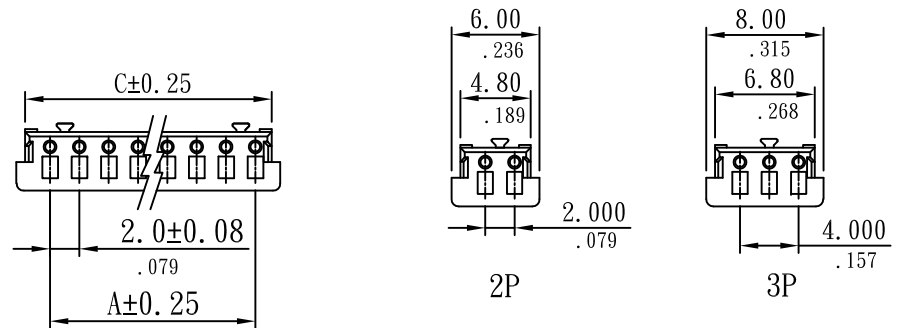
Insulator: Nylon 66 UL 94V-0
 Color: White

SPECIFICATIONS

Temperature range: -25°C ~ +95°C
 Current rating: 1.0A Max.
 Voltage rating: 125V AC/DC
 Insulation resistance: 1000 MΩ Min.
 Contact resistance: 0.02Ω Max.

Mates with S.Y.E R5543 Terminal

Mates with S.Y.E R5541 Wafer(Headers)



Order Information

R 5540-xxP
 I 2 3

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



Dimensional Information

| Circuits | Dim. A | Dim. B | Dim. C | Circuits | Dim. A | Dim. B | Dim. C |
|----------|--------------|--------------|--------------|----------|--------------|--------------|--------------|
| 2 | 2.00(0.079) | 6.00(0.236) | 4.80(0.189) | 9 | 16.00(0.630) | 20.00(0.787) | 18.80(0.740) |
| 3 | 4.00(0.157) | 8.00(0.315) | 6.80(0.268) | 10 | 18.00(0.709) | 22.00(0.866) | 20.80(0.819) |
| 4 | 6.00(0.236) | 10.00(0.394) | 8.80(0.346) | 11 | 20.00(0.787) | 24.00(0.945) | 22.80(0.898) |
| 5 | 8.00(0.315) | 12.00(0.472) | 10.80(0.425) | 12 | 22.00(0.866) | 26.00(1.024) | 24.80(0.976) |
| 6 | 10.00(0.394) | 14.00(0.551) | 12.80(0.504) | 13 | 24.00(0.945) | 28.00(1.102) | 26.80(1.055) |
| 7 | 12.00(0.472) | 16.00(0.630) | 14.80(0.583) | 14 | 26.00(1.024) | 30.00(1.181) | 28.80(1.134) |
| 8 | 14.00(0.551) | 18.00(0.709) | 16.80(0.661) | 15 | 28.00(1.102) | 32.00(1.260) | 30.80(1.213) |



Sunny Young Enterprise Co., Ltd.

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

PART NO

R5540-xxP

T013

NAME

DATE

SCALE: 4:1

REV NO

DATE

DESCRIPTION

BY

CHECKED

TOLERANCE UNLESS NOTED

DRAWN

DEAN

2019.01.29

UNIT: mm(in.)

A

LINEAR±

.0 ±0.30(.012)

.00 ±0.20(.008)

.000±0.10(.004)

APPROVED

APPLE

2019.01.29

R5540-xxP

C

PROJECTION:

2.00mm(.079") WAFER 90°

MATERIAL

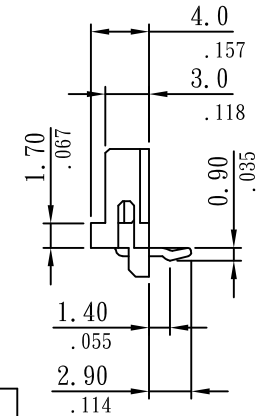
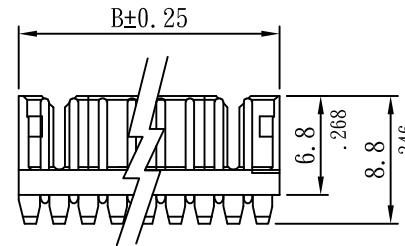
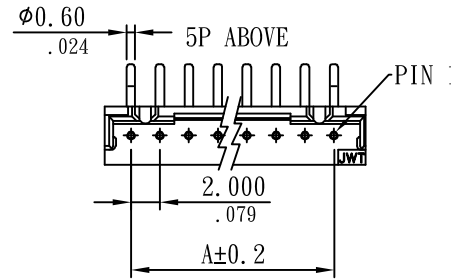
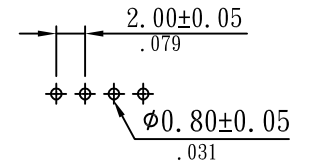
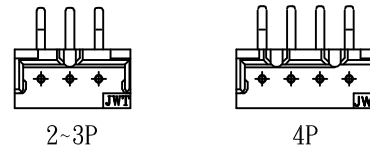
Insulator: Nylon 66 UL 94V-0
 Color: White
 Contact: Brass
 Plating: Tin plated

SPECIFICATIONS

Temperature range: -25°C ~ +95°C
 Current rating: 1.0A Max.
 Voltage rating: 125V AC/DC
 Insulation resistance: 1000 MΩ Min.
 Contact resistance: 0.02Ω Max.
 Mates with S.Y.E R5540 Housing

R 5541-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(0.866) |
| 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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Tel: +886 2 2696 1668(REP) Fax: +886 2 2696 2668

| T013 | NAME | DATE | SCALE: NTS | REV NO | DATE | DESCRIPTION | BY | CHECKED | TOLERANCE UNLESS NOTED | |
|----------|------------|------------|---------------|--------|-------------|-------------|----|---------|------------------------|-----------------|
| DRAWN | DEAN | 2019.01.29 | UNIT: mm(in.) | A | | | | | LINEAR± | .0 ±0.25(.010) |
| CHECKED | EASON | 2019.01.29 | CAD NO | B | | | | | | .00 ±0.15(.006) |
| APPROVED | APPLE | 2019.01.29 | R5541-xxTR | C | | | | | | .000±0.08(.003) |
| PART NO | R5541-xxTR | | APPROVED | | PROJECTION: | | | | | |

2.00mm(.079") WAFER 180°

MATERIAL

Insulator: Nylon 66 UL 94V-0
 Color: White
 Contact: Brass
 Plating: Tin plated

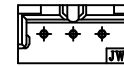
SPECIFICATIONS

Temperature range: -25°C ~ +95°C
 Current rating: 1.0A Max.
 Voltage rating: 125V AC/DC
 Insulation resistance: 1000 MΩ Min.
 Contact resistance: 0.02Ω Max.
 Mates with S.Y.E R5540-xxP Housing

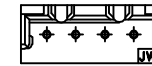
Order Information

R 5541-xx T S
 I 1 2 3 4 5

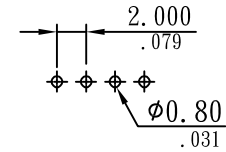
1. RoHS
2. Series No.
3. Pin No.
4. Tin plated
5. Straight angle



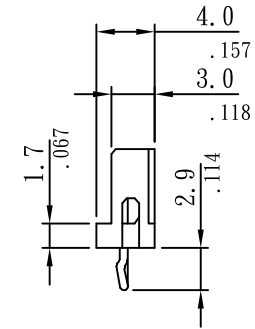
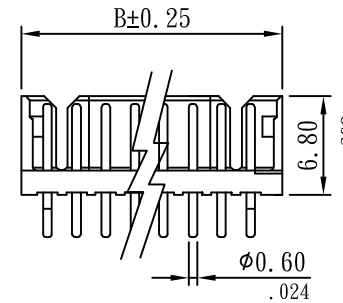
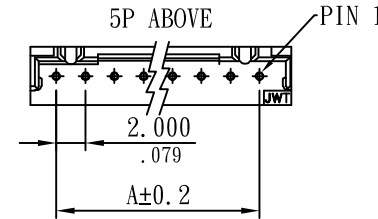
2~3P



4P



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(0.866) |
| 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) |

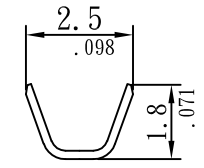
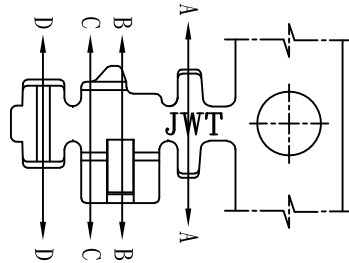


| | | | | | | | | | | | |
|---|------------|-------|------------|---------------|--------|------|-------------|----|---------|------------------------|-----------------|
| Sunny Young Enterprise Co., Ltd. S.Y.E. http://www.sunnyyoung.com.tw 13F., No. 116, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan Tel: +886 2 2696 1668(REP) Fax: +886 2 2696 2668 | T013 | NAME | DATE | SCALE: 4:1 | REV NO | DATE | DESCRIPTION | BY | CHECKED | TOLERANCE UNLESS NOTED | |
| | DRAWN | DEAN | 2019.01.29 | UNIT: mm(in.) | A | | | | | LINEAR± | .0 ±0.30(.012) |
| | CHECKED | EASON | 2019.01.29 | CAD NO | B | | | | | | .00 ±0.20(.008) |
| | APPROVED | APPLE | 2019.01.29 | R5541-xxTS | C | | | | | | .000±0.10(.004) |
| PART NO | R5541-xxTS | | | | | | | | | | PROJECTION: |

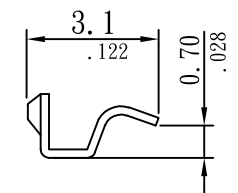
2.00mm(.079") TERMINAL

SPECIFICATION

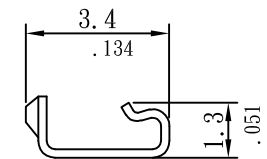
Material: Phosphor Bronze
 Thickness: 0.25mm
 Plating: Tin plated
 Applicable wire: AWG 26~AWG 28
 Insulation O.D. : 1.40mm Max.
 Used in S.Y.E R5540 Housing



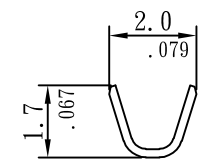
SECTION A-A



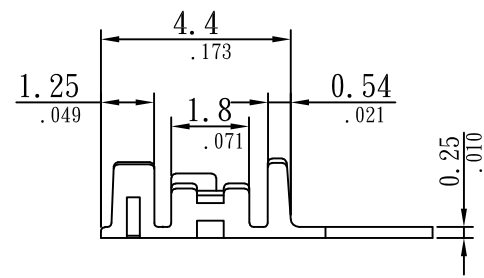
SECTION B-B



SECTION C-C



SECTION D-D



Ordering Information

R 5543-P T
 1 2 3 4

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



Sunny Young Enterprise Co., Ltd.

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| T013 | NAME | DATE | SCALE: NTS | REV NO | DATE | DESCRIPTION | BY | CHECKED | TOLERANCE UNLESS NOTED | |
|---------|----------|------------|---------------|------------|----------|-------------|----|---------|------------------------|-----------------|
| DRAWN | DEAN | 2019.01.30 | UNIT: mm(in.) | A | | | | | LINEAR± | .0 ±0.20(.008) |
| CHECKED | EASON | 2019.01.30 | CAD NO | B | | | | | | .00 ±0.10(.004) |
| PART NO | R5543-PT | APPROVED | APPLE | 2019.01.30 | R5543-PT | C | | | | PROJECTION: |