

1.25mm(.049") HOUSING

MATERIAL

Insulator: PBT UL 94V-0
Color: Light brown

SPECIFICATIONS

Temperature range: -40°C ~ +70°C
Current rating: 1.0A
Voltage rating: 100V AC
Dielectric withstand voltage: 800V AC
Insulation resistance: 500 MΩ Min.
Contact resistance: 0.03Ω Max.

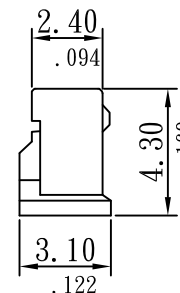
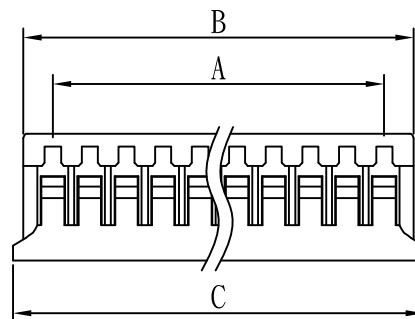
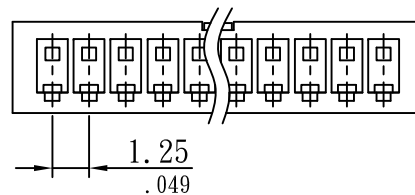
Mates with S.Y.E. R6513 Terminal

Mates with S.Y.E. R6511 Wafer(Headers)

Order Information

R 6510-xxP
1 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	1.25(0.049)	3.25(0.128)	3.95(0.156)	9	10.00(0.394)	12.00(0.472)	12.70(0.500)
3	2.50(0.098)	4.50(0.177)	5.20(0.205)	10	11.25(0.443)	13.25(0.522)	13.95(0.549)
4	3.75(0.148)	5.75(0.226)	6.45(0.254)	11	12.50(0.492)	14.50(0.571)	15.20(0.598)
5	5.00(0.197)	7.00(0.276)	7.70(0.303)	12	13.75(0.541)	15.75(0.620)	16.45(0.648)
6	6.25(0.246)	8.25(0.325)	8.95(0.352)	13	15.00(0.590)	17.00(0.669)	17.70(0.697)
7	7.50(0.295)	9.50(0.374)	10.20(0.402)	14	16.25(0.640)	18.25(0.719)	18.95(0.746)
8	8.75(0.344)	10.75(0.423)	11.45(0.451)	15	17.50(0.689)	19.50(0.768)	20.20(0.795)



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: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2008.11.06	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008.11.06	CAD NO	B						.00 ±0.20(.008)
APPROVED	MARS	2008.11.06	R6510-xxP	C						.000±0.10(.004)
PART NO R6510-xxP										PROJECTION:

1.25mm(.049") WAFER 90°

MATERIAL

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

SPECIFICATIONS

Temperature range: -25°C ~ +85°C
 Current rating: 1.0A
 Voltage rating: 200V AC
 Dielectric withstand voltage: 500V AC
 Insulation resistance: 100MΩ Min.
 Contact resistance: 0.02Ω Max.
 Mates with S.Y.E. R6510-xxP Housing

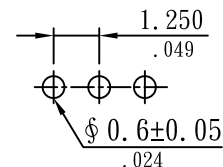
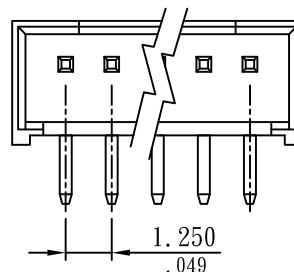
Order Information

R 6511-xx T R
 1 2 3 4 5

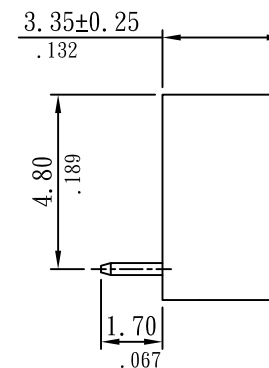
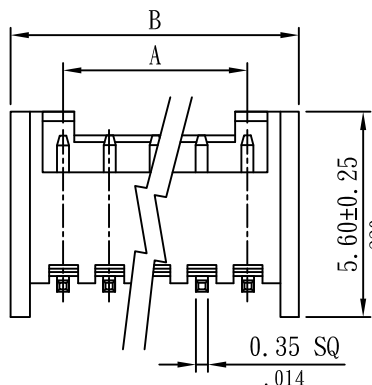
1. RoHS
2. Series No.
3. Pin No.
4. Tin plated
5. Right angle

Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	1.25(0.049)	4.25(0.167)	9	10.00(0.394)	13.00(0.512)
3	2.50(0.098)	5.50(0.217)	10	11.25(0.443)	14.25(0.561)
4	3.75(0.148)	6.75(0.266)	11	12.50(0.492)	15.50(0.610)
5	5.00(0.197)	8.00(0.315)	12	13.75(0.541)	16.75(0.659)
6	6.25(0.246)	9.25(0.364)	13	15.00(0.590)	18.00(0.709)
7	7.50(0.295)	10.50(0.413)	14	16.25(0.640)	19.25(0.758)
8	8.75(0.344)	11.75(0.463)	15	17.50(0.689)	20.50(0.807)



PCB LAYOUT



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 13F., No. 116, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan
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S008	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2008.11.03	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008.11.03	CAD NO	B				.00 ±0.20(.008)		
APPROVED	MARS	2008.11.03	R6511-xxTR	C				.000±0.10(.004)		
PART NO R6511-xxTR										PROJECTION:

1.25mm(.049") WAFER 180°

MATERIAL

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

SPECIFICATIONS

Temperature range: -25°C ~ +85°C
 Current rating: 1.0A
 Voltage rating: 200V AC
 Dielectric withstand voltage: 500V AC
 Insulation resistance: 100MΩ Min.
 Contact resistance: 0.02Ω Max.
 Mates with S.Y.E. R6510-xxP Housing

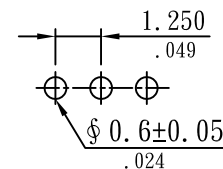
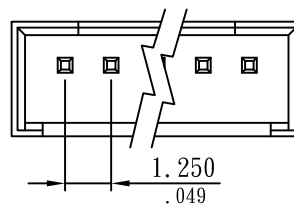
Order Information

R 6511-xx T S
 1 2 3 4 5

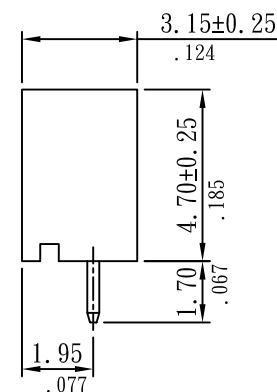
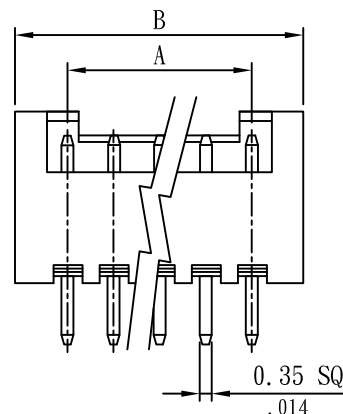
1. RoHS
2. Series No.
3. Pin No.
4. Tin plated
5. Straight angle

Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	1.25(0.049)	4.25(0.167)	9	10.00(0.394)	13.00(0.512)
3	2.50(0.098)	5.50(0.217)	10	11.25(0.443)	14.25(0.561)
4	3.75(0.148)	6.75(0.266)	11	12.50(0.492)	15.50(0.610)
5	5.00(0.197)	8.00(0.315)	12	13.75(0.541)	16.75(0.659)
6	6.25(0.246)	9.25(0.364)	13	15.00(0.590)	18.00(0.709)
7	7.50(0.295)	10.50(0.413)	14	16.25(0.640)	19.25(0.758)
8	8.75(0.344)	11.75(0.463)	15	17.50(0.689)	20.50(0.807)



PCB LAYOUT



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S008	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	PC	2008.09.18	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008.09.18	CAD NO	B				.00 ±0.20(.008)		
APPROVED	MARS	2008.09.18	R6511-xxTS	C				.000±0.10(.004)		
PART NO										PROJECTION:

PART NO

R6511-xxTS

1. 25mm(.050") TERMINAL

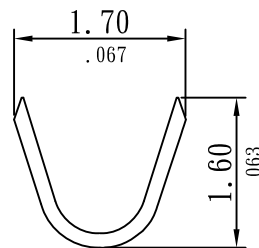
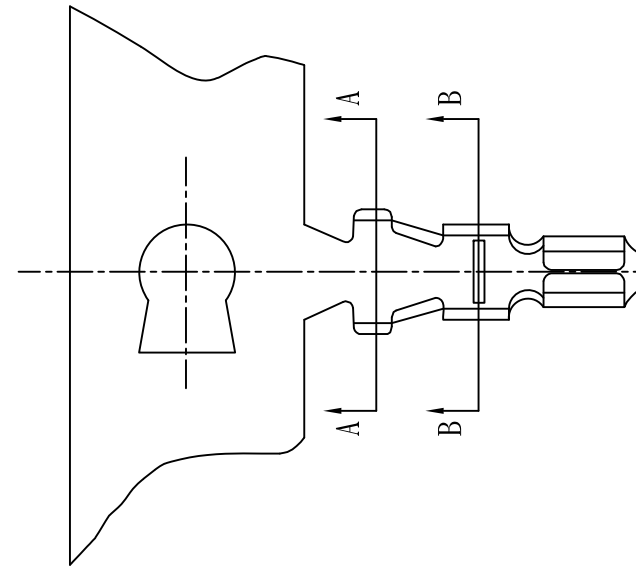
SPECIFICATIONS

Material : Phosphor bronze
 Thickness : 0.15mm
 Plating : Tin plated
 Applicable wire : AWG 28 ~ AWG 32
 Insulation O.D. : 0.90mm Max.
 Used in S.Y.E R6510-xxP Housing

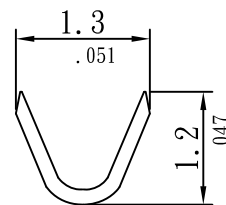
Order Information

R 6513-P T
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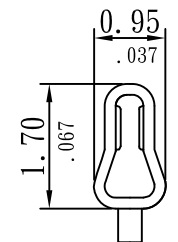
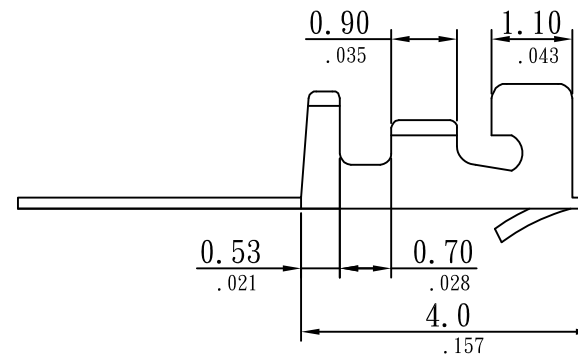
1. RoHS
2. Series No.
3. Phosphor bronze
4. Tin plated



SECTION A-A



SECTION B-B



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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

PART NO

R6513-PT

T010	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	YXF	2008. 12. 18	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2008. 12. 18	CAD NO	B						.00 ±0.20(.008)
APPROVED	MARS	2008. 12. 18	R6513-PT	C						.000±0.10(.004)
										PROJECTION: