

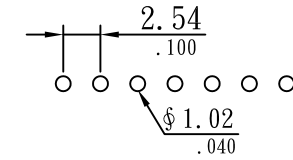
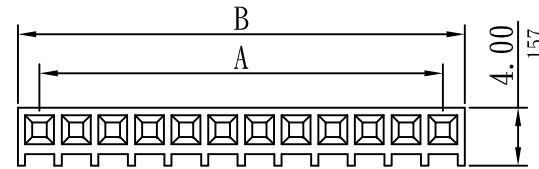
2.54mm(.100") FEMALE HEADER

MATERIAL

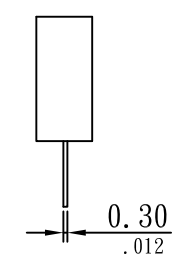
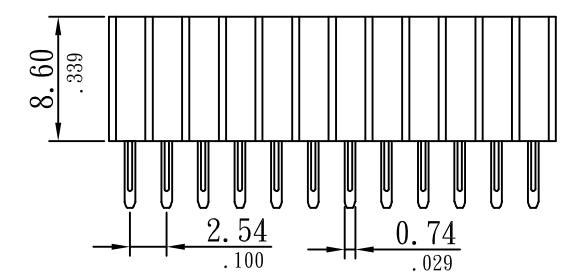
Insulator: PBT+GF UL94V-0
 Color: Black
 Contact: Brass
 Plating: Gold plated

SPECIFICATIONS

Temperature range: -40°C ~ +105°C
 Current rating: 1.0A
 Dielectric withstand voltage: 500V AC
 Insulation resistance: 3000 MΩ
 Contact resistance: 0.03Ω Max.



PCB LAYOUT



Order Information

R 2802-xx G S-S
 1 2 3 4 5 6

1. RoHS
2. Series No.
3. Pin No.
4. Gold flash
5. Straight angle
6. Single row

Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	2.54(0.100)	5.58(0.220)	15	35.56(1.400)	38.60(1.520)	27	68.58(2.700)	71.62(2.820)
3	5.08(0.200)	8.12(0.320)	16	38.10(1.500)	41.14(1.620)	29	71.12(2.800)	74.16(2.920)
4	7.62(0.300)	10.66(0.420)	17	40.64(1.600)	43.68(1.720)	30	73.66(2.900)	76.70(3.020)
5	10.16(0.400)	13.20(0.520)	18	43.18(1.700)	46.22(1.820)	31	76.20(3.000)	79.24(3.120)
6	12.70(0.500)	15.74(0.620)	19	45.72(1.800)	48.76(1.920)	32	78.74(3.100)	81.78(3.220)
7	15.24(0.600)	18.28(0.720)	20	48.26(1.900)	51.30(2.020)	33	81.28(3.200)	84.32(3.320)
8	17.78(0.700)	20.82(0.820)	21	50.80(2.000)	53.84(2.120)	34	83.82(3.300)	86.86(3.420)
9	20.32(0.800)	23.36(0.920)	22	53.34(2.100)	56.38(2.220)	35	86.36(3.400)	89.40(3.520)
10	22.86(0.900)	25.90(1.020)	23	55.88(2.200)	58.92(2.320)	36	88.90(3.500)	91.94(3.620)
11	25.40(1.000)	28.44(1.120)	24	58.42(2.300)	61.46(2.420)	37	91.44(3.600)	94.48(3.720)
12	27.94(1.100)	30.98(1.220)	25	60.96(2.400)	64.00(2.520)	38	93.98(3.700)	97.02(3.820)
13	30.48(1.200)	33.52(1.320)	26	63.50(2.500)	66.54(2.620)	39	96.52(3.800)	99.56(3.920)
14	33.02(1.300)	36.06(1.420)	27	66.04(2.600)	69.08(2.720)	40	99.06(3.900)	102.10(4.020)



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

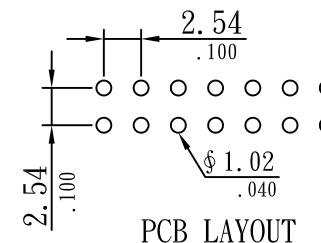
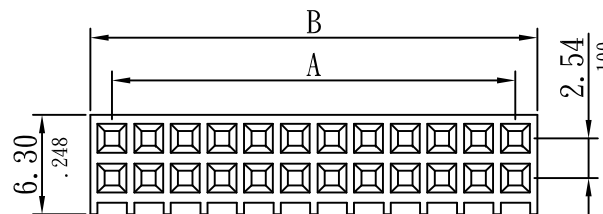
Tel: +886 2 2696 1668(REP) Fax: +886 2 2696 2668

M010	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	SEAN	2013.07.02	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED			CAD NO	B				.00 ±0.20(.008)		
APPROVED	TINA	2013.07.02	R2802-xxGS-S	C				.000±0.10(.004)		
PART NO	R2802-xxGS-S								PROJECTION:	

2.54mm(.100")FEMALE HEADER

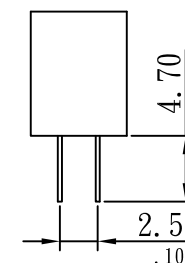
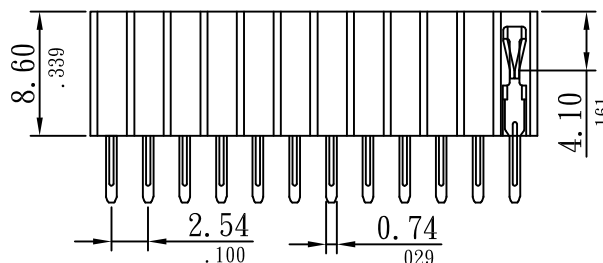
MATERIAL

Insulator: PBT glass reinforced rated UL94V-0
 Color: Black
 Contact: Brass
 Plating: Gold plated



SPECIFICATIONS

Temperature range: -40°C ~ +105°C
 Current rating: 1.0A
 Dielectric withstand voltage: 500V AC
 Insulation resistance: 3000 MΩ
 Contact resistance: 0.03Ω Max.



Order Information

R 2802-xx G S-D
 1 2 3 4 5 6

1. RoHS
2. Series No.
3. Pin No.
4. Gold flash
5. Straight angle
6. Dual row

Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
4	2.54(0.100)	5.58(0.220)	30	35.56(1.400)	38.60(1.520)	56	68.58(2.700)	71.62(2.820)
6	5.08(0.200)	8.12(0.320)	32	38.10(1.500)	41.14(1.620)	58	71.12(2.800)	74.16(2.920)
8	7.62(0.300)	10.66(0.420)	34	40.64(1.600)	43.68(1.720)	60	73.66(2.900)	76.70(3.020)
10	10.16(0.400)	13.20(0.520)	36	43.18(1.700)	46.22(1.820)	62	76.20(3.000)	79.24(3.120)
12	12.70(0.500)	15.74(0.620)	38	45.72(1.800)	48.76(1.920)	64	78.74(3.100)	81.78(3.220)
14	15.24(0.600)	18.28(0.720)	40	48.26(1.900)	51.30(2.020)	66	81.28(3.200)	84.32(3.320)
16	17.78(0.700)	20.82(0.820)	42	50.80(2.000)	53.84(2.120)	68	83.82(3.300)	86.86(3.420)
18	20.32(0.800)	23.36(0.920)	44	53.34(2.100)	56.38(2.220)	70	86.36(3.400)	89.40(3.520)
20	22.86(0.900)	25.90(1.020)	46	55.88(2.200)	58.92(2.320)	72	88.90(3.500)	91.94(3.620)
22	25.40(1.000)	28.44(1.120)	48	58.42(2.300)	61.46(2.420)	74	91.44(3.600)	94.48(3.720)
24	27.94(1.100)	30.98(1.220)	50	60.96(2.400)	64.00(2.520)	76	93.98(3.700)	97.02(3.820)
26	30.48(1.200)	33.52(1.320)	52	63.50(2.500)	66.54(2.620)	78	96.52(3.800)	99.56(3.920)
28	33.02(1.300)	36.06(1.420)	54	66.04(2.600)	69.08(2.720)	80	99.06(3.900)	102.10(4.020)

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M010	NAME	DATE	SCALE: NTS	REV NO	DATE	DESCRIPTION	BY	CHECKED	TOLERANCE UNLESS NOTED	
DRAWN	YXF	2009.12.24	UNIT: mm(in.)	A					LINEAR±	.0 ±0.30(.012)
CHECKED	PIQI	2009.12.24	CAD NO	B				.00 ±0.20(.008)		
APPROVED	PC	2009.12.24	R2802-xxGS-D	C				.000±0.10(.004)		
									PROJECTION:	

PART NO R2802-xxGS-D