

### G809A 1.27x1.27mm Receptacles PCB/SMT Mount

Board to Board system, modular, fine pitch.

#### Materials

Housing – 94V-0 thermoplastic  
 Contacts – P/B with 50µ" Ni

#### Electrical

Current – 1A  
 Voltage – 250 VAC/rms 60Hz

#### Durability

Gold Flash – 75 cycles  
 15µ" Gold – 150 cycles  
 30µ" Gold – 250 cycles

#### Mating Half

1.27x1.27mm PH – Page G-3/5

### Part Number System:

**G809A X XXX X X X**

1.27x1.27mm Receptacles  
 PCB/SMT Mount

#### MOUNTING STYLE

1: PCB Mount  
 2: SMT Mount

#### NUMBER OF POSITIONS

006 to 100

#### FACTORY CODE

Blank: Standard  
 T: Tape & Reel

#### MOUNT STYLE


0: \*Without Locating Peg  
 1: With Locating Peg  
 \* Standard

#### INSULATOR HEIGHT

1: 3.4mm  
 2: 4.3mm

#### CONTACT FINISH

1: Gold flash  
 2: 15µ" Gold  
 3: 30µ" Gold

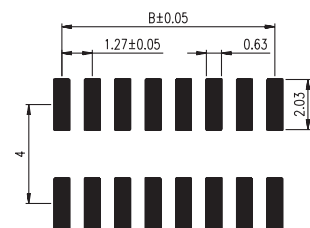
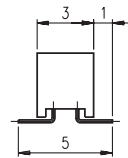
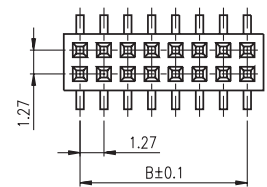
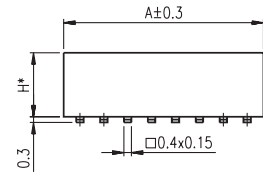
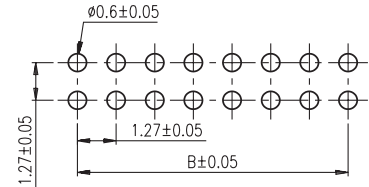
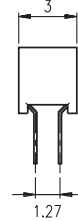
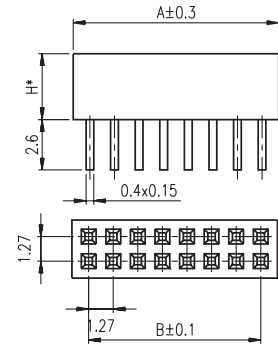
 Suffix may be added to Part Number. This Suffix is for Internal use mainly. Additional Suffix 'EU' or 'LF' may be added for RoHS compliant product.

#### Through-hole PCB Mount

No. of Positions	Dimensions		No. of Positions	Dimensions		No. of Positions	Dimensions	
	A	B		A	B		A	B
6	4.27	2.54	38	24.59	22.86	70	44.91	43.18
8	5.54	3.81	40	25.86	24.13	72	46.18	44.45
10	6.81	5.08	42	27.13	25.4	74	47.45	45.72
12	8.08	6.35	44	28.40	26.67	76	48.72	46.99
14	9.35	7.62	46	29.67	27.94	78	49.99	48.26
16	10.62	8.89	48	30.94	29.21	80	51.26	49.53
18	11.89	10.16	50	32.21	30.48	82	52.53	50.8
20	13.16	11.43	52	33.48	31.75	84	53.8	52.07
22	14.43	12.7	54	34.75	33.02	86	55.07	53.34
24	15.7	13.97	56	36.02	34.29	88	56.34	54.61
26	16.97	15.24	58	37.29	35.56	90	57.61	55.88
28	18.24	16.51	60	38.56	36.83	92	58.88	57.15
30	19.51	17.78	62	39.83	38.1	94	60.15	58.42
32	20.78	19.05	64	41.1	39.37	96	61.42	59.69
34	22.05	20.32	66	42.37	40.64	98	62.69	60.96
36	23.32	21.59	68	43.64	41.91	100	63.96	62.23

#### SMT Mount

No. of Positions	Dimensions		No. of Positions	Dimensions		No. of Positions	Dimensions	
	A	B		A	B		A	B
6	4.27	2.54	38	24.59	22.86	70	44.91	43.18
8	5.54	3.81	40	25.86	24.13	72	46.18	44.45
10	6.81	5.08	42	27.13	25.4	74	47.45	45.72
12	8.08	6.35	44	28.40	26.67	76	48.72	46.99
14	9.35	7.62	46	29.67	27.94	78	49.99	48.26
16	10.62	8.89	48	30.94	29.21	80	51.26	49.53
18	11.89	10.16	50	32.21	30.48	82	52.53	50.8
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22	14.43	12.7	54	34.75	33.02	86	55.07	53.34
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32	20.78	19.05	64	41.1	39.37	96	61.42	59.69
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Dimensions in mm