

G800/1 2.54mm Pin Headers PCB Mount

This series was designed to offer both Board to Board (B2B) and Board to Wire (B2W) solutions. The headers can be cut to size and are modular.

Materials

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

Electrical

Current – 3A
Voltage – 250 VAC/rms 60Hz

Variations

- ▶ 3 Row PCB Mount 9 to 120 Positions
- ▶ Various Post, Solder Tail and Insulator Dimensions

Contact Finish/Durability

Gold Flash – 75 cycles
5µ" Gold – 80 cycles
15µ" Gold – 150 cycles
30µ" Gold – 250 cycles

Mating Half

Jumpers – G-19
B2B Rec. – G-20/21/22
Ribbon cable Rec. – G-25
B2W Rec. – G-23

Part Number System:

G80X XXX XXX X

2.54mm Pin Headers
Through-hole PCB Mount

TYPE

0: Straight
1: Right angle

POSITION CODE

See table



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.

CONTACT FINISH

*018: Full gold flash

025: 5µ" Gold

005: 15µ" Gold

010: 30µ" Gold

* Standard

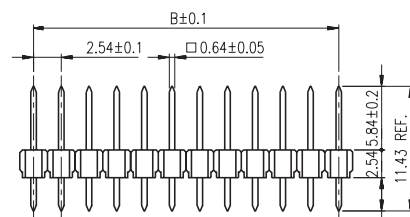
Single Row (SIL)

Position Code	No. of Positions	Dimensions (mm)		Position Code	No. of Positions	Dimensions (mm)	
		A	B			A	B
306	1x2	5.08	2.54	286	1x22	55.88	53.34
305	1x3	7.62	5.08	285	1x23	58.42	55.88
304	1x4	10.16	7.62	284	1x24	60.96	58.42
303	1x5	12.70	10.16	283	1x25	63.50	60.96
302	1x6	15.24	12.70	282	1x26	66.04	63.50
301	1x7	17.78	15.24	281	1x27	68.58	66.04
300	1x8	20.32	17.78	280	1x28	71.12	68.58
299	1x9	22.86	20.32	279	1x29	73.66	71.12
298	1x10	25.40	22.86	278	1x30	76.20	73.66
297	1x11	27.94	25.40	277	1x31	78.74	76.20
296	1x12	30.48	27.94	276	1x32	81.28	78.74
295	1x13	33.02	30.48	275	1x33	83.82	81.28
294	1x14	35.56	33.02	274	1x34	86.36	83.82
293	1x15	38.10	35.56	273	1x35	88.90	86.36
292	1x16	40.64	38.10	272	1x36	91.44	88.90
291	1x17	43.18	40.64	271	1x37	93.98	91.44
290	1x18	45.72	43.18	270	1x38	96.52	93.98
289	1x19	48.26	45.72	269	1x39	99.06	96.52
288	1x20	50.80	48.26	268	1x40	101.60	99.06
287	1x21	53.34	50.80				

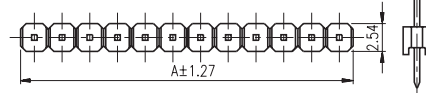
Double Row (DIL)

Position Code	No. of Positions	Dimensions (mm)		Position Code	No. of Positions	Dimensions (mm)	
		A	B			A	B
594	2x2	5.08	2.54	574	2x22	55.88	53.34
593	2x3	7.62	5.08	573	2x23	58.42	55.88
592	2x4	10.16	7.62	572	2x24	60.96	58.42
591	2x5	12.70	10.16	571	2x25	63.50	60.96
590	2x6	15.24	12.70	570	2x26	66.04	63.50
589	2x7	17.78	15.24	569	2x27	68.58	66.04
588	2x8	20.32	17.78	568	2x28	71.12	68.58
587	2x9	22.86	20.32	567	2x29	73.66	71.12
586	2x10	25.40	22.86	566	2x30	76.20	73.66
585	2x11	27.94	25.40	565	2x31	78.74	76.20
584	2x12	30.48	27.94	564	2x32	81.28	78.74
583	2x13	33.02	30.48	563	2x33	83.82	81.28
582	2x14	35.56	33.02	562	2x34	86.36	83.82
581	2x15	38.10	35.56	561	2x35	88.90	86.36
580	2x16	40.64	38.10	560	2x36	91.44	88.90
579	2x17	43.18	40.64	559	2x37	93.98	91.44
578	2x18	45.72	43.18	558	2x38	96.52	93.98
577	2x19	48.26	45.72	557	2x39	99.06	96.52
576	2x20	50.80	48.26	556	2x40	101.60	99.06
575	2x21	53.34	50.80				

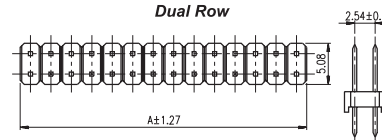
Straight PCB Mount



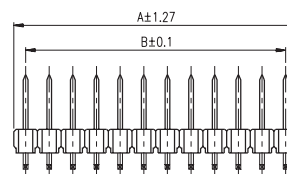
Single Row



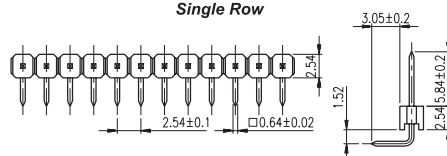
Dual Row



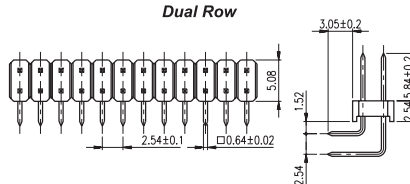
R/A PCB Mount



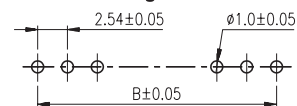
Single Row



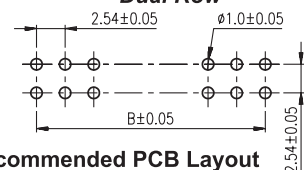
Dual Row



Single Row



Dual Row



Recommended PCB Layout

AMTA Pin&Socket Catalogue