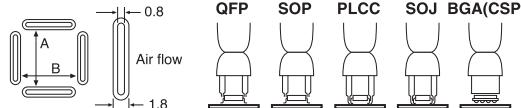


## Optional Nozzles

Unit : mm



\*The size in Name/Specifications indicates the size of IC package.

### Vacuum Function Operative Nozzles

\*These nozzles are available for the 850B and the 852.

\*The vacuum function is not available in the FR-801, the FR-802 and the 850B.

A1125B QFP 10 x 10	A1126B QFP 14 x 14	A1127B QFP 17.5 x 17.5	A1128B QFP 14 x 20	A1129B QFP 28 x 28	A1135B PLCC 17.5 x 17.5 (44 Pins)
A:10.2 10 B:10.2	A:15.2 15 B:15.2	A:19.2 19 B:19.2	A:15.2 21 B:21.2	A:29.7 29 B:29.7	A:18.5 15 B:18.5
A1136B PLCC 20 x 20 (52 Pins)	A1137B PLCC 25 x 25 (68 Pins)	A1138B PLCC 30 x 30 (84 Pins)	A1139B PLCC 12.5 x 7.3 (18 Pins)	A1140B PLCC 11.5 x 11.5 (28 Pins)	A1141B PLCC 11.5 x 14 (32 Pins)
A:21 19 B:21	A:26 24 B:26	A:31 29 B:31	A:9 6.9 B:14	A:13 10 B:13	A:15 10 B:13
A1180B BQFP 17 x 17	A1181B BQFP 19 x 19	A1182B BQFP 24 x 24	A1184B SOJ 18 x 8	A1185B TSOL 13 x 10	A1186B TSOL 18 x 10
A:18.2 13.6 B:18.2	A:19.2 16 B:19.2	A:24.2 21 B:24.2	A:19 10	A:11.9	A:11.7 18.2
A1187B TSOL 18.5 x 8	A1188B PLCC 9 x 9 (20 Pins)	A1189B PLCC 34 x 34 (100 Pins)	A1203B QFP 35 x 35	A1214B SOJ 10 x 26	A1215B QFP 42.5 x 42.5
A:10 18.5	A:11 10 B:11	A:36.5 33.5 B:36.5	A:31 31 B:35.2	A:25.9 12	A:42.5 40 B:42.5
A1257B SOP 11 x 21	A1258B SOP 7.6 x 12.7	A1259B SOP 13 x 28	A1260B SOP 8.6 x 18	A1261B QFP 20 x 20	A1262B QFP 12 x 12
A:21 11.7	A:11.7 8.2	A:28 13.5	A:12 8.7	A:21 21 A:20.2 B:20.2	A:12 12 A:12.2 B:12.2
A1263B QFP 28 x 40	A1264B QFP 40 x 40	A1265B QFP 32 x 32	A1470 BGA 8 x 8	A1471 BGA 12 x 12	A1472 BGA 13 x 13
A:29 39 A:27.7 B:39.7	A:39 39 A:40.2 B:40.2	A:31 31 A:32.2 B:32.2	A:9	A:13	A:14
A1473 BGA 15 x 15	A1474 BGA 18 x 18	A1475 BGA 27 x 27	A1476 BGA 35 x 35	A1477 BGA 38 x 38	A1478 BGA 40 x 40
A:16	A:19	A:28	A:36	A:39	A:41

### Vacuum Function Inoperative Nozzles

A1124B Single ø2.5	A1130 Single ø4.4	A1131 SOP 4.4 x 10	A1132 SOP 5.6 x 13	A1133 SOP 7.5 x 15	A1134 SOP 7.5 x 18
ø2.5(I.D.)	ø4.4(I.D.)	A:10 4.8	A:15 5.7	A:16 7.2	A:19 7.2
A1142B Bent Single 1.5 x 3	A1183 SOJ 15 x 8	A1190 Dual Single 2.5 x 9.5	A1191 SIP 25L	A1192 SIP 50L	A1325 Dual Single ø 1.5 x 5-10 Adjustable Pitch
45° 3 (I.D.)	A:16 8	ø2.5(I.D.)	A:26	A:52.5	A:10 5 A:10 10 ø1.5 (I.D.) The pitch between the two nozzles is adjustable