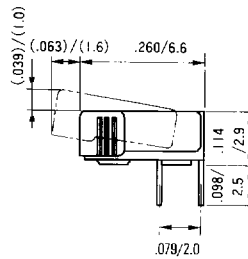
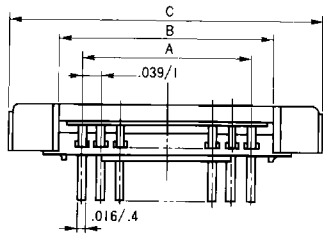
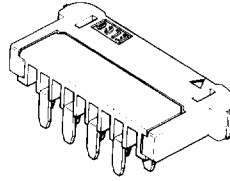
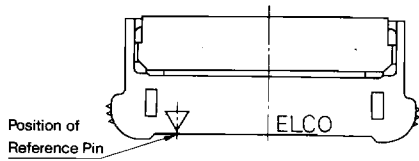


1,00 mm Spacing

SERIES 6200

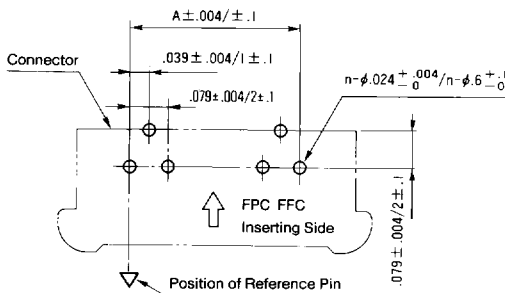
Through-Hole Right Angle ZIF

TYPE 012



Specifications:

- Number of Contacts - 5-30
- Tray Packaged
- Current Rating - 1.0 amp max.
- Voltage - 50 V
- Dielectric Withstanding Voltage - 500 V RMS min.
- Operating Temperature - (-20°C ~ +85°C)
- Contact Material - phosphor bronze (tin-lead plated)
- Insulator & Slider Material - PPS, brown color (UL 94 V-O)
- Profile Height - 2,90 mm (.114")
- FFC / FPC Thickness - 0,3±0,05 mm (.012±.002")
- PCB Thickness - 0,8 ~ 1,2 mm (.031 ~ .047")



Mounting Hole Pattern (Connector Mounting Side)
Recommended P.C.Board Thickness (-1.047/1.2)

No. of Pos.	A	B	C
5	.157/ 4.0	.252/ 6.4	.451/11.45
6	.197/ 5.0	.291/ 7.4	.490/12.45
7	.236/ 6.0	.330/ 8.4	.530/13.45
8	.276/ 7.0	.370/ 9.4	.569/14.45
9	.315/ 8.0	.409/10.4	.608/15.45
10	.354/ 9.0	.449/11.4	.648/16.45
11	.394/10.0	.488/12.4	.687/17.45
12	.433/11.0	.528/13.4	.726/18.45
13	.472/12.0	.567/14.4	.766/19.45
14	.512/13.0	.606/15.4	.805/20.45
15	.551/14.0	.646/16.4	.844/21.45
16	.591/15.0	.685/17.4	.884/22.45
17	.630/16.0	.724/18.4	.923/23.45
18	.669/17.0	.764/19.4	.963/24.45
19	.709/18.0	.803/20.4	1.002/25.45
20	.748/19.0	.843/21.4	1.041/26.45
21	.787/20.0	.882/22.4	1.081/27.45
22	.827/21.0	.921/23.4	1.120/28.45
23	.866/22.0	.961/24.4	1.159/29.45
24	.906/23.0	1.000/25.4	1.199/30.45
25	.945/24.0	1.039/26.4	1.238/31.45
26	.984/25.0	1.079/27.4	1.278/32.45
27	1.024/26.0	1.118/28.4	1.317/33.45
28	1.063/27.0	1.157/29.4	1.356/34.45
29	1.102/28.0	1.197/30.4	1.396/35.45
30	1.142/29.0	1.236/31.4	1.435/36.45

Dimensions inches/mm

ORDERING CODE

Typical Example

00 6200 057 012 800

TRAY PACKAGING FLEX TYPE

- 00: Standard FFC/FPC Flex
- 05: Carbon Paste-Membrane Flex

NUMBER OF CONTACTS

5 ~ 30

VARIATION CODE

012: Plated Thru-Hole Type

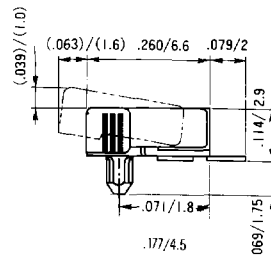
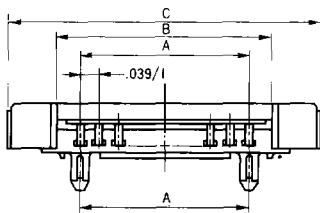
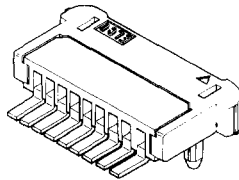
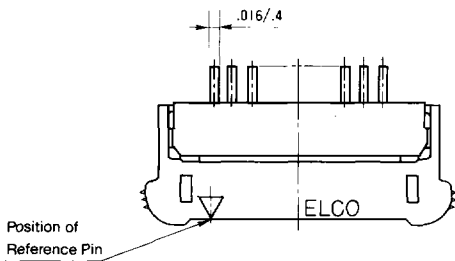
Note: Drawings are in inches/millimeters.

1,00 mm Spacing

SERIES 6200

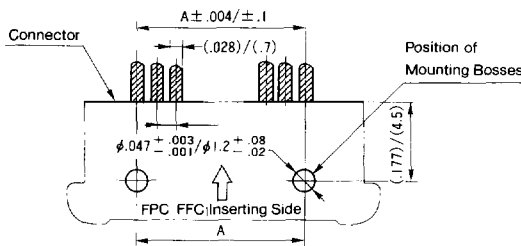
Surface Mount with Boss Right Angle ZIF

TYPE 022



Specifications:

- Number of Contacts - 5-30
- Tray Packaged
- Current Rating - 1.0 amp max.
- Voltage - 50 V
- Dielectric Withstanding Voltage - 500 V RMS min.
- Operating Temperature - (-20°C ~ +85°C)
- Contact Material - phosphor bronze (tin-lead plated)
- Insulator & Slider Material -PPS, brown color (UL 94 V-O)
- Profile Height - 2,90 mm (.114")
- FFC / FPC Thickness - 0,3±0,05 mm (.012±.002")



Mounting Hole Pattern (Connector Mounting Side)
Recommended P.C. Board Thickness (-t.047/1.2)

No. of Pos.	A	B	C
5	.157/ 4.0	.252/ 6.4	.451/11.45
6	.197/ 5.0	.291/ 7.4	.490/12.45
7	.236/ 6.0	.330/ 8.4	.530/13.45
8	.276/ 7.0	.370/ 9.4	.569/14.45
9	.315/ 8.0	.409/10.4	.608/15.45
10	.354/ 9.0	.449/11.4	.648/16.45
11	.394/10.0	.488/12.4	.687/17.45
12	.433/11.0	.528/13.4	.726/18.45
13	.472/12.0	.567/14.4	.766/19.45
14	.512/13.0	.606/15.4	.805/20.45
15	.551/14.0	.646/16.4	.844/21.45
16	.591/15.0	.685/17.4	.884/22.45
17	.630/16.0	.724/18.4	.923/23.45
18	.669/17.0	.764/19.4	.963/24.45
19	.709/18.0	.803/20.4	1.002/25.45
20	.748/19.0	.843/21.4	1.041/26.45
21	.787/20.0	.882/22.4	1.081/27.45
22	.827/21.0	.921/23.4	1.120/28.45
23	.866/22.0	.961/24.4	1.159/29.45
24	.906/23.0	1.000/25.4	1.199/30.45
25	.945/24.0	1.039/26.4	1.238/31.45
26	.984/25.0	1.079/27.4	1.278/32.45
27	1.024/26.0	1.118/28.4	1.317/33.45
28	1.063/27.0	1.157/29.4	1.356/34.45
29	1.102/28.0	1.197/30.4	1.396/35.45
30	1.142/29.0	1.236/31.4	1.435/36.45

Dimensions inches/mm

Note: for recommended flex layout, see page 15.

ORDERING CODE

Typical Example

00 6200 057 022 800

TRAY PACKAGING FLEX TYPE

- 00: Standard FFC/FPC Flex
- 05: Carbon Paste-Membrane Flex

NUMBER OF CONTACTS

5 ~ 30

VARIATION CODE

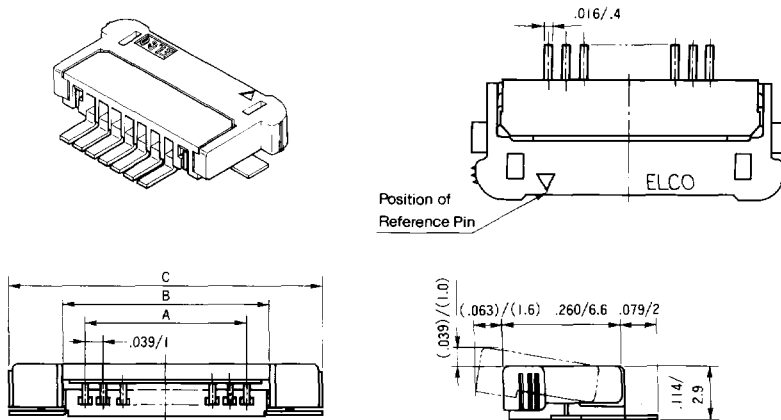
022: SMT With Boss

1,00 mm Spacing

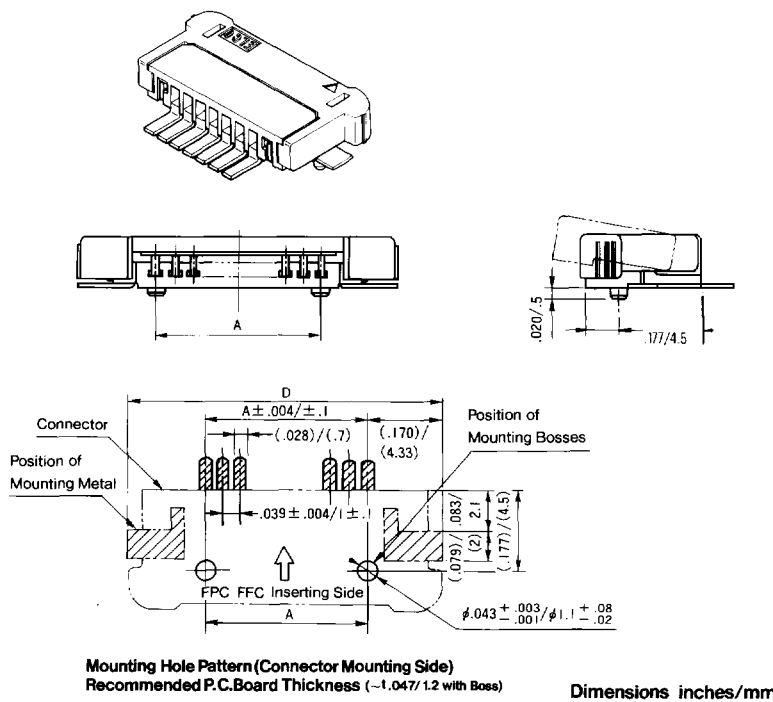
SERIES 6200

Surface Mount with Tabs or Tabs & Bosses Right Angle ZIF

SMT with Mounting Metal (L-Type) TYPE 032



SMT with Mounting Metal (L-Type)/Boss TYPE 052



Specifications:

- Number of Contacts - 5-30
- SMT with Tabs: 1000 Connectors per Tape & Reel
- SMT with Tabs & Bosses: Tray Packaging-varies according to number of positions
- Voltage - 50 V
- Current Rating - 1.0 amp max.
- Dielectric Withstanding Voltage - 500 V RMS min.
- Operating Temperature - (-20°C ~ +85°C)
- Contact & Tab Material - phosphor bronze (tin-lead plated)
- Insulator & Slider Material -PPS, brown color (UL 94 V-O)
- Profile Height - 2,90 mm (.114")
- FFC / FPC Thickness - 0,3±0,05 mm (.012±.002")

No. of Pos.	A	B	C	D
5	.157/ 4.0	.252/ 6.4	.482/12.25	.498/12.65
6	.197/ 5.0	.291/ 7.4	.522/13.25	.537/13.65
7	.236/ 6.0	.330/ 8.4	.561/14.25	.577/14.65
8	.276/ 7.0	.370/ 9.4	.600/15.25	.616/15.65
9	.315/ 8.0	.409/10.4	.640/16.25	.656/16.65
10	.354/ 9.0	.449/11.4	.679/17.25	.695/17.65
11	.394/10.0	.488/12.4	.719/18.25	.734/18.65
12	.433/11.0	.528/13.4	.758/19.25	.774/19.65
13	.472/12.0	.567/14.4	.797/20.25	.813/20.65
14	.512/13.0	.606/15.4	.837/21.25	.852/21.65
15	.551/14.0	.646/16.4	.876/22.25	.892/22.65
16	.591/15.0	.685/17.4	.915/23.25	.931/23.65
17	.630/16.0	.724/18.4	.955/24.25	.970/24.65
18	.669/17.0	.764/19.4	.994/25.25	1.010/25.65
19	.709/18.0	.803/20.4	1.033/26.25	1.049/26.65
20	.748/19.0	.843/21.4	1.073/27.25	1.089/27.65
21	.787/20.0	.882/22.4	1.112/28.25	1.128/28.65
22	.827/21.0	.921/23.4	1.152/29.25	1.167/29.65
23	.866/22.0	.961/24.4	1.191/30.25	1.207/30.65
24	.906/23.0	1.000/25.4	1.230/31.25	1.246/31.65
25	.945/24.0	1.039/26.4	1.270/32.25	1.285/32.65
26	.984/25.0	1.079/27.4	1.309/33.25	1.325/33.65
27	1.024/26.0	1.118/28.4	1.348/34.25	1.364/34.65
28	1.063/27.0	1.157/29.4	1.388/35.25	1.404/35.65
29	1.102/28.0	1.197/30.4	1.427/36.25	1.443/36.65
30	1.142/29.0	1.236/31.4	1.467/37.25	1.482/37.65

ORDERING CODE

Typical Example 00 6200 057 032 800

TRAY PACKAGING FLEX TYPE

- 00: Standard FFC/FPC Flex
- 05: Carbon Paste-Membrane Flex

NUMBER OF CONTACTS

5~30

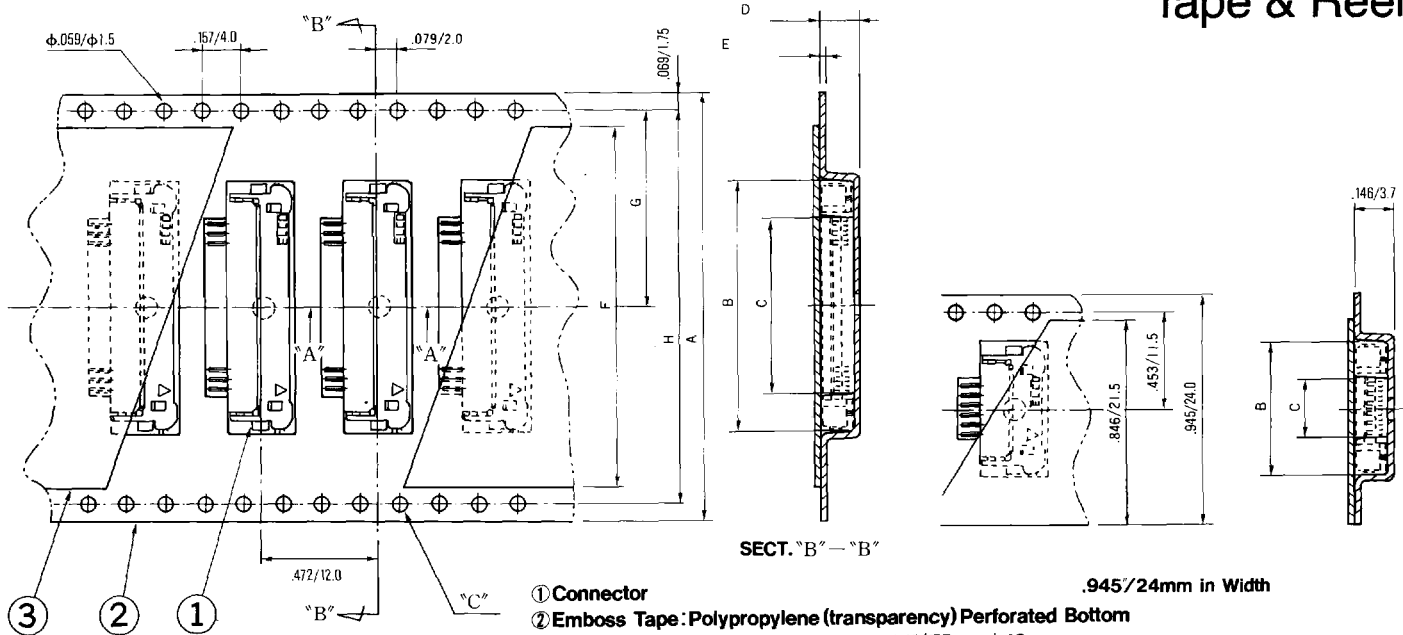
VARIATION CODE

- 032: SMT With Mounting Metal Tab (L-Type)/Tape and Reel Pack only
see page 14 for ordering code for Tape and Reel
- 052: SMT with Mounting Metal Tab (L-Type)/Boss/Tray Pack

1,00 mm Spacing

SERIES 6200

Tape & Reel

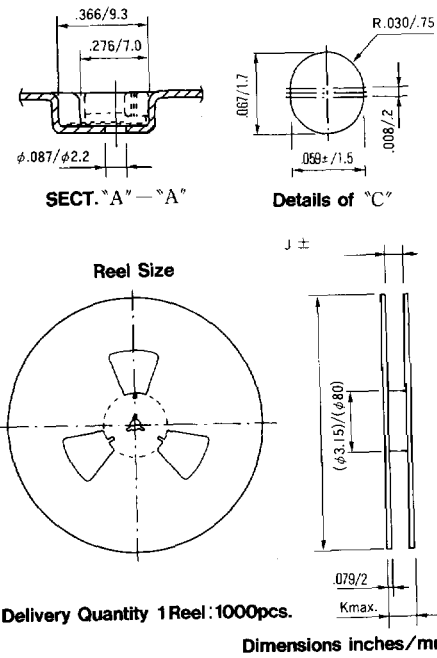


SECT. "B" - "B"

.945/24mm in Width

- ① Connector
- ② Emboss Tape: Polypropylene (transparency) Perforated Bottom
- ③ Top Tape: Polyester $t = .00295 \pm .0004 / 75 \mu\text{m} \pm 10 \mu\text{m}$

No. of Pos.	A Tape Width	Tape Width Variation No.	B	C	D	E	F	G	H	J	K
05	.945/24.0	1	.500/12.7	.197/ 5.0	.146/3.7	.020/5	.846/21.5	.453/11.5		.961/24.4	1.197/30.4
06	.945/24.0	1	.539/13.7	.236/ 6.0	.146/3.7	.020/5	.846/21.5	.453/11.5		.961/24.4	1.197/30.4
07	.945/24.0	1	.579/14.7	.276/ 7.0	.146/3.7	.020/5	.846/21.5	.453/11.5		.961/24.4	1.197/30.4
08	.945/24.0	1	.618/15.7	.315/ 8.0	.146/3.7	.020/5	.846/21.5	.453/11.5		.961/24.4	1.197/30.4
09	.945/24.0	1	.657/16.7	.354/ 9.0	.146/3.7	.020/5	.846/21.5	.453/11.5		.961/24.4	1.197/30.4
10	.945/24.0	1	.697/17.7	.394/10.0	.146/3.7	.020/5	.846/21.5	.453/11.5		.961/24.4	1.197/30.4
11	.945/24.0	1	.736/18.7	.433/11.0	.146/3.7	.020/5	.846/21.5	.453/11.5		.961/24.4	1.197/30.4
12	1.260/32.0	2	.776/19.7	.472/12.0	.146/3.7	.020/5	1.024/26.0	.559/14.2	1.118/28.4	1.276/32.4	1.512/38.4
13	1.260/32.0	2	.815/20.7	.512/13.0	.146/3.7	.020/5	1.024/26.0	.559/14.2	1.118/28.4	1.276/32.4	1.512/38.4
14	1.260/32.0	2	.854/21.7	.551/14.0	.146/3.7	.020/5	1.024/26.0	.559/14.2	1.118/28.4	1.276/32.4	1.512/38.4
15	1.260/32.0	2	.894/22.7	.591/15.0	.146/3.7	.020/5	1.024/26.0	.559/14.2	1.118/28.4	1.276/32.4	1.512/38.4
16	1.260/32.0	2	.933/23.7	.630/16.0	.146/3.7	.020/5	1.024/26.0	.559/14.2	1.118/28.4	1.276/32.4	1.512/38.4
17	1.732/44.0	3	.972/24.7	.669/17.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
18	1.732/44.0	3	1.012/25.7	.709/18.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
19	1.732/44.0	3	1.051/26.7	.748/19.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
20	1.732/44.0	3	1.091/27.7	.787/20.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
21	1.732/44.0	3	1.130/28.7	.827/21.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
22	1.732/44.0	3	1.169/29.7	.866/22.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
23	1.732/44.0	3	1.209/30.7	.906/23.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
24	1.732/44.0	3	1.248/31.7	.945/24.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
25	1.732/44.0	3	1.287/32.7	.984/25.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
26	1.732/44.0	3	1.327/33.7	1.024/26.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
27	1.732/44.0	3	1.366/34.7	1.063/27.0	.146/3.7	.020/5	1.457/37.0	.795/20.2	1.591/40.4	1.748/44.4	1.984/50.4
28	2.205/56.0	4	1.406/35.7	1.102/28.0	.150/3.8	.024/6	1.929/49.0	1.032/26.2	2.063/52.4	2.221/56.4	2.457/62.4
29	2.205/56.0	4	1.445/36.7	1.142/29.0	.150/3.8	.024/6	1.929/49.0	1.032/26.2	2.063/52.4	2.221/56.4	2.457/62.4
30	2.205/56.0	4	1.484/37.7	1.181/30.0	.150/3.8	.024/6	1.929/49.0	1.032/26.2	2.063/52.4	2.221/56.4	2.457/62.4



ORDERING CODE

Typical Example

00 6200 505 130 000

TAPE AND REEL PACKAGING

1000 per Reel

NUMBER OF CONTACTS

5 ~ 30

VARIATION CODE

1: .945"/24mm 2: 1.260"/32mm 3: 1.732"/44mm 4: 2.205"/56mm

FLEX TYPE

3: Standard FFC/FPC Flex 5: Carbon Paste for Membrane Flex

Note: Drawings are in inches/millimeters.