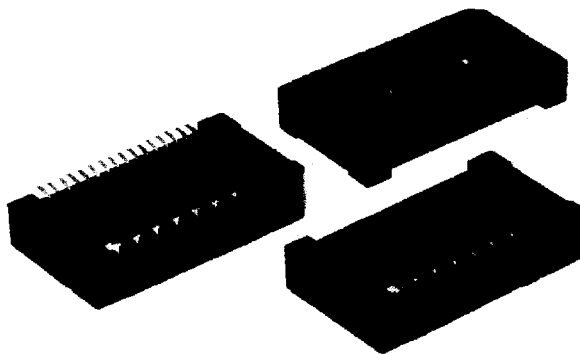


# IC 170 SERIES SOJ(1.27mm pitch)



## FEATURES

- SMT type IC sockets for SOJ packages.
- SOJ identical foot pattern and long terminal type available.
- Low profile design with package height 4.6 to 5.0mm.
- IC extraction tools available (Part No.: LSI-PULL-19).

## SPECIFICATIONS

### PERFORMANCE

|                                 |                              |
|---------------------------------|------------------------------|
| Insulation Resistance           | 500M $\Omega$ min. at 500VDC |
| Dielectric Withstanding Voltage | 250VAC rms for 1 minute      |
| Contact Resistance              | 30m $\Omega$ max. at 10mA    |
| Current Rating                  | 1 A                          |
| Operating Temperature Range     | -55°C to +85°C               |

### MATERIAL AND FINISH

|          |                                                          |
|----------|----------------------------------------------------------|
| Housing  | PPA, UL94V-0 rated: IC170-****-210<br>PPS, UL94V-0 rated |
| Contacts | Copper alloy, solder plating over nickel                 |

## ORDERING CODE

### ●Standard Type

**IC170—3240—201**

|                                     |  |
|-------------------------------------|--|
| IC170 series                        |  |
| Number of leads                     |  |
| IC package width: 40: 0.4 inches    |  |
| Terminal type 3: Long terminal type |  |
| Positioning pin option 1: With      |  |
| 2: SOJ identical foot pattern type  |  |
| 0: Without                          |  |

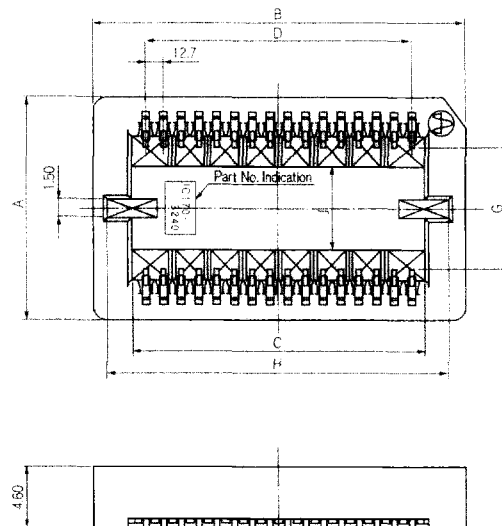
### ●Low Profile Type

**IC170—4040—2101**

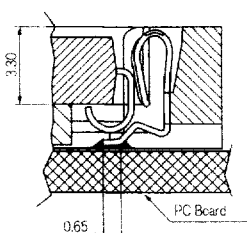
|                                                  |  |
|--------------------------------------------------|--|
| Terminal type 2: SOJ identical foot pattern type |  |
| Packing style 1: Embossed tape                   |  |

\* Delivered without positioning pins.

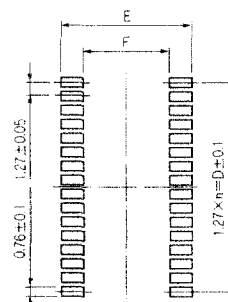
### ●Outline Dimensions (IC170—\*\*\*\*—2101)



### ●Detail of Contact



### ●Recommended PC Board Patterns (TOP VIEW)



| Part No.        | No. of Leads | A     | B     | C     | D     | E     | F    | G    | H     | J    | Minimum size |
|-----------------|--------------|-------|-------|-------|-------|-------|------|------|-------|------|--------------|
| IC170—2830—2101 | 28           | 14.18 | 25.18 | 19.38 | 16.51 | 9.18  | 4.88 | 6.59 | 23.31 | 4.50 | 400          |
| IC170—3230—2101 | 32           | 14.18 | 27.72 | 21.92 | 19.05 | 9.18  | 4.88 | 6.59 | 25.85 | 4.50 | 400          |
| IC170—4040—2101 | 40           | 16.72 | 32.80 | 27.00 | 24.13 | 11.72 | 7.42 | 9.13 | 30.93 | 5.80 | 400          |

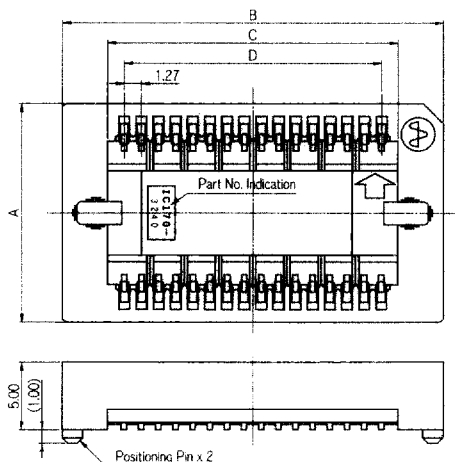
\* See the following page for dimensions of IC170—\*\*\*\*—20\* and IC170—\*\*\*\*—30\*.

Unit = mm

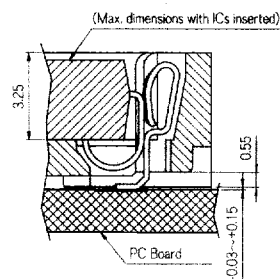
# IC 170 SERIES

SOX (1.27mm pitch)

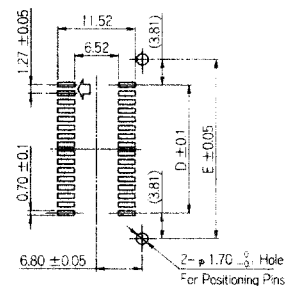
## ● IC 170—\* \*40—20 \*



## ●Detail of Contact



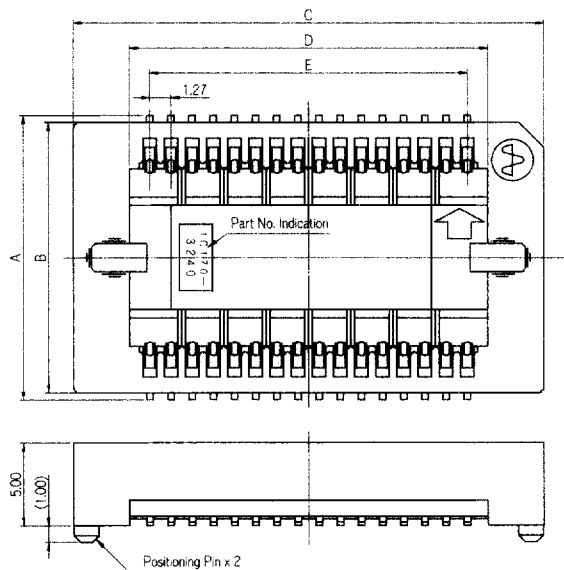
## ●Recommended PC Board Patterns (TOP VIEW)



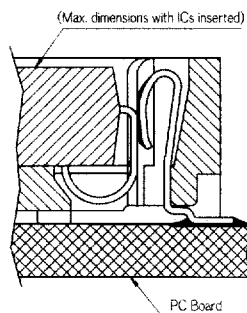
| Part No.        | Pin Count | A     | B     | C     | D     | E     | Package Style | Dimension |
|-----------------|-----------|-------|-------|-------|-------|-------|---------------|-----------|
| IC170—3240—20 * | 32        | 16.27 | 28.22 | 21.52 | 19.05 | 26.67 | Magazine      | 18        |
| IC170—4040—20 * | 40        | 16.17 | 33.26 | 26.56 | 24.13 | 31.75 | Magazine      | 15        |

Unit = mm

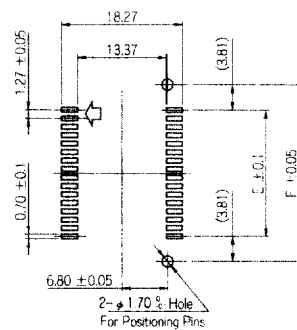
## ● IC 170—\* \*40—30 \*



## ●Detail of Contact



## ●Recommended PC Board Patterns (TOP VIEW)



| Part No.        | Pin Count | A     | B     | C     | D     | E     | Package Style | Dimension |
|-----------------|-----------|-------|-------|-------|-------|-------|---------------|-----------|
| IC170—3240—30 * | 32        | 17.27 | 16.27 | 28.22 | 21.42 | 19.05 | Magazine      | 18        |
| IC170—4040—30 * | 40        | 17.17 | 16.17 | 33.26 | 26.46 | 24.13 | Magazine      | 15        |

Unit = mm