

SOP

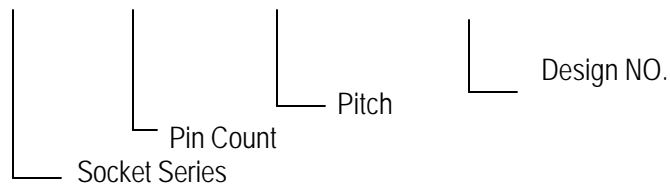
SMALL OUTLINE  
PACKAGE

Applicable IC/SOP•SSOP

## OPEN TOP TYPE SOCKETS

### ORDERING PROCEDURE

OTS - (      ) - (      ) - (      )



### SPECIFICATIONS

Contact resistance: Initial 30mΩ or 50mΩ (At 10mA)

Maximum voltage: AC700V RMS (for 1 minute)

\* Below 0.5mm Pitch

AC500V RMS (for 1 minute)

Insulation resistance: 1,000MΩ or higher (At DC 500V)

Rated current: 1A

Operating temperature range: -60°C ~ +150°C

Terminal strength against pulling: 0.5kg (1 minute)

Insertion: Min. 10,000 times (Mechanical)



### MATERIAL

Body: PEI, PES

Contact: BeCu, Au plating (Ni-base)

**PINCH CONTACT: Patent No. 1869849 (Japan) Patent No. 4691975 (U.S.A.)**

## APPLICABLE IC DIMENSIONS & SOCKET DIMENSIONS

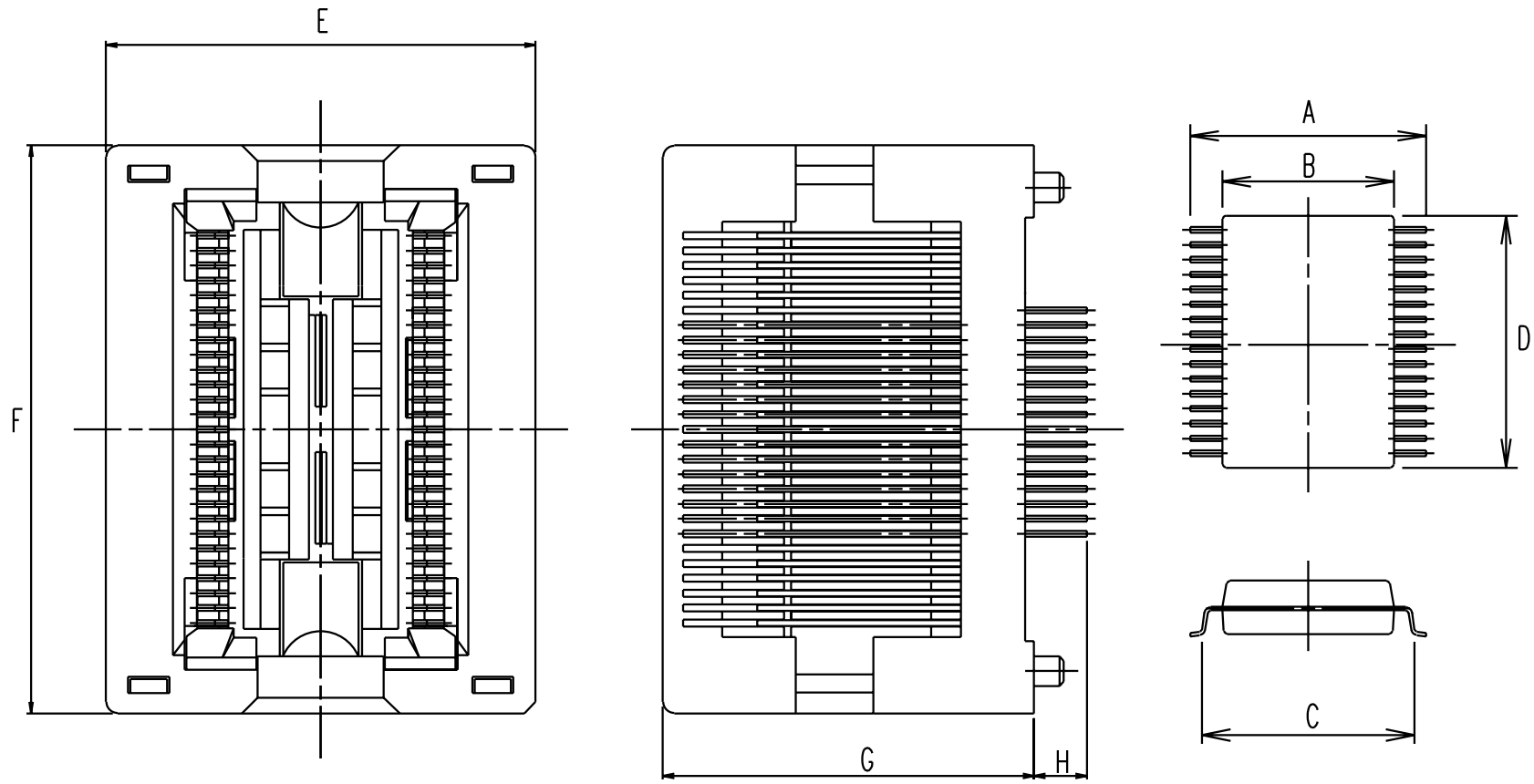
### TSSOP (PINCH CONTACT)

Unit: mm (in)

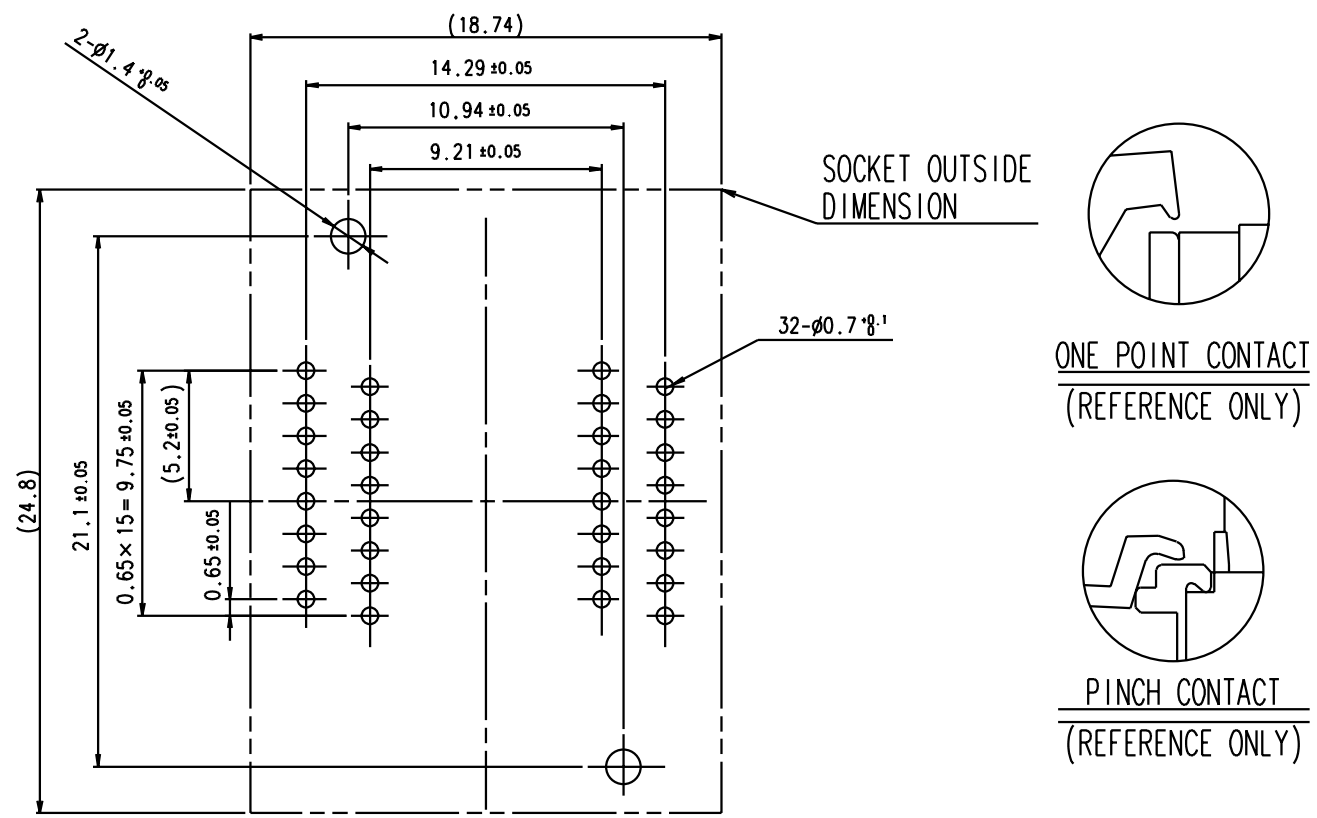
| PART NO.            | PIN COUNT | PITCH            | ACTUATION FORCE | APPLICABLE IC DIMENSIONS (REF.) |                      |                |                     | OUTSIDE DIMENSIONS (REF.) |                 |                 |              | REMARKS |
|---------------------|-----------|------------------|-----------------|---------------------------------|----------------------|----------------|---------------------|---------------------------|-----------------|-----------------|--------------|---------|
|                     |           |                  |                 | A                               | B                    | C              | D                   | E                         | F               | G               | H            |         |
| OTS-16(28)-0.635-02 | 16        | 0.635<br>(25mil) | max<br>1.0kg    | 6.0±0.05<br>(0.244)             | 3.94±0.05<br>(0.160) | 4.8<br>(0.188) |                     | 21.1<br>(0.830)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-20(28)-0.635-02 | 20        | 0.635<br>(25mil) | max<br>1.0kg    | 6.0±0.05<br>(0.244)             | 3.94±0.05<br>(0.160) | 4.8<br>(0.188) |                     | 21.1<br>(0.830)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-24(28)-0.635-02 | 24        | 0.635<br>(25mil) | max<br>1.0kg    | 6.0±0.05<br>(0.244)             | 3.94±0.05<br>(0.160) | 4.8<br>(0.188) |                     | 21.1<br>(0.830)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-28-0.635-02     | 28        | 0.635<br>(25mil) | max<br>1.0kg    | 6.0±0.05<br>(0.244)             | 3.94±0.05<br>(0.160) | 4.8<br>(0.188) |                     | 21.1<br>(0.830)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-8(28)-0.65-01   | 8         | 0.65<br>(26mil)  |                 | 6.4±0.05<br>(0.252)             | 4.4±0.05<br>(0.173)  | 5.2<br>(0.205) |                     | 20.2<br>(0.795)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-14(28)-0.65-01  | 14        | 0.65<br>(26mil)  |                 | 6.4±0.05<br>(0.252)             | 4.4±0.05<br>(0.173)  | 5.2<br>(0.205) |                     | 20.2<br>(0.795)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-16(28)-0.65-01  | 16        | 0.65<br>(26mil)  |                 | 6.4±0.05<br>(0.252)             | 4.4±0.05<br>(0.173)  | 5.2<br>(0.205) |                     | 20.2<br>(0.795)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-20(28)-0.65-01  | 20        | 0.65<br>(26mil)  |                 | 6.4±0.05<br>(0.252)             | 4.4±0.05<br>(0.173)  | 5.2<br>(0.205) |                     | 20.2<br>(0.795)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-28-0.65-01      | 28        | 0.65<br>(26mil)  | max<br>1.4kg    | 6.4±0.05<br>(0.252)             | 4.4±0.05<br>(0.173)  | 5.2<br>(0.205) | max9.725<br>(0.382) | 23.1<br>(0.909)           | 17.6<br>(0.693) | 17.5<br>(0.689) | 3<br>(0.118) |         |
| OTS-28(44)-0.65-02  | 28        | 0.65<br>(26mil)  | max<br>1.4kg    | 8.1±0.05<br>(0.319)             | 6.1±0.05<br>(0.240)  | 6.9<br>(0.272) |                     | 23.1<br>(0.909)           | 23.2<br>(0.913) | 17.5<br>(0.689) | 3<br>(0.118) |         |

Unit: mm (in)

| PART NO.           | PIN COUNT | PITCH           | ACTUATION FORCE | APPLICABLE IC DIMENSIONS (REF.) |                     |                    |                     | OUTSIDE DIMENSIONS (REF.) |                 |                 |                | REMARKS |
|--------------------|-----------|-----------------|-----------------|---------------------------------|---------------------|--------------------|---------------------|---------------------------|-----------------|-----------------|----------------|---------|
|                    |           |                 |                 | A                               | B                   | C                  | D                   | E                         | F               | G               | H              |         |
| OTS-32(44)-0.65-02 | 32        | 0.65<br>(26mil) | max<br>2.2kg    | 8.1±0.05<br>(0.319)             | 6.1±0.05<br>(0.240) | 6.9<br>(0.272)     |                     | 23.2<br>(0.913)           | 23.1<br>(0.909) | 17.5<br>(0.689) | 3<br>(0.118)   |         |
| OTS-38(44)-0.65-03 | 38        | 0.65<br>(26mil) | max<br>1.9kg    | 8.1±0.05<br>(0.319)             | 6.1±0.05<br>(0.240) | 6.9<br>(0.272)     |                     | 23.2<br>(0.913)           | 23.1<br>(0.909) | 17.5<br>(0.689) | 3<br>(0.118)   |         |
| OTS-44-0.65-02     | 44        | 0.65<br>(26mil) | max<br>2.2kg    | 8.1±0.05<br>(0.319)             | 6.1±0.05<br>(0.240) | 6.9<br>(0.272)     |                     | 23.2<br>(0.913)           | 23.1<br>(0.909) | 17.5<br>(0.689) | 3<br>(0.118)   |         |
| OTS-48(64)-0.5-02  | 48        | 0.5<br>(19mil)  | max<br>1.8kg    | 8.1±0.1<br>(0.319)              | 6.1±0.15<br>(0.240) | 6.8±0.1<br>(0.267) | max12.9<br>(0.508)  | 19.7<br>(0.775)           | 22.7<br>(0.894) | 14.8<br>(0.583) | 3.3<br>(0.118) |         |
| OTS-56(64)-0.5-02  | 56        | 0.5<br>(19mil)  | max<br>2.0kg    | 8.1±0.1<br>(0.319)              | 6.1±0.15<br>(0.240) | 6.8±0.1<br>(0.267) | max15.4<br>(0.606)  | 19.7<br>(0.775)           | 22.7<br>(0.894) | 14.8<br>(0.583) | 3.3<br>(0.118) |         |
| OTS-64-0.5-01      | 64        | 0.5<br>(19mil)  | max<br>2.3kg    | 8.1±0.1<br>(0.319)              | 6.1±0.15<br>(0.240) | 6.8±0.1<br>(0.267) | max17.45<br>(0.687) | 19.7<br>(0.775)           | 22.7<br>(0.894) | 14.8<br>(0.583) | 3.3<br>(0.118) |         |



OTS-56-0.65  
(REFERENCE ONLY)



OTS-56-0.65  
(REFERENCE ONLY)