

TSOP

**THIN SMALL OUTLINE
PACKAGE**

ORDERING PROCEDURE

OTS - { } - { } - { }

 Pin Count Pitch Design NO.

Socket Series

Diagram illustrating the structure of a part number (100-100000-0000000000) and its components:

- Socket Series
- Pin Count
- Pitch
- Design NO.

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SPECIFICATIONS

Contact resistance: Initial 30mΩ, 50mΩ or 100mΩ (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. 5,000 times, 10,000 times (Mechanical)

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MATERIAL
Body: PEI, PES
Contact: BeCu, Au plating (Ni-base)

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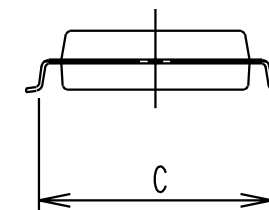
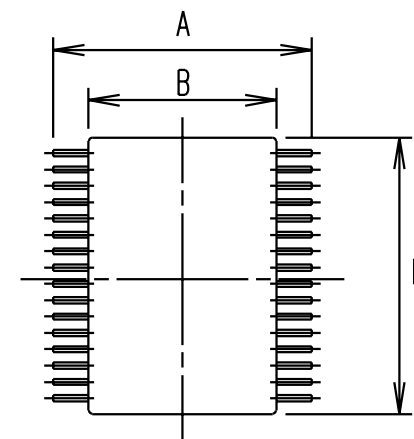
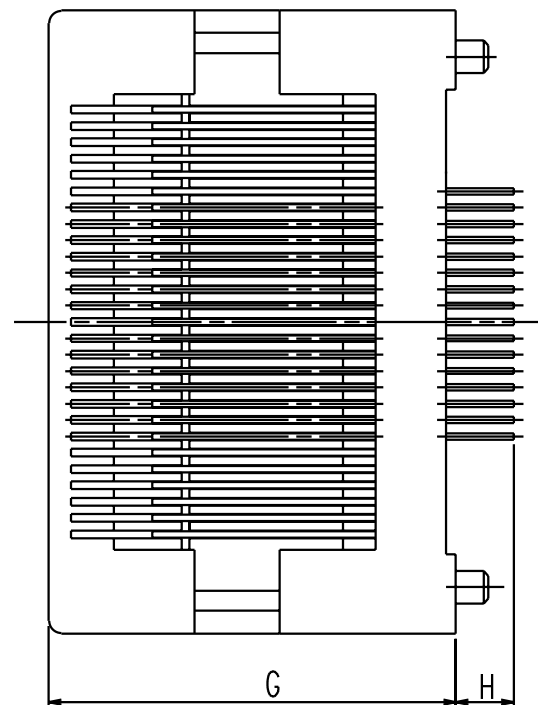
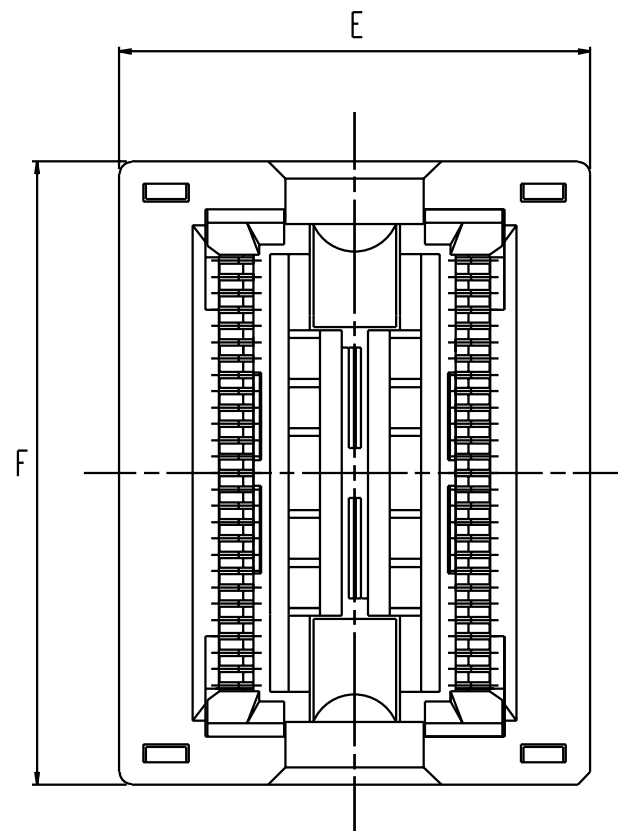
PINCH CONTACT: Patent No. 1869849 (Japan) Patent No. 4691975 (U.S.A.)

APPLICABLE IC DIMENSIONS & SOCKET DIMENSIONS

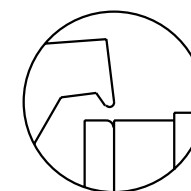
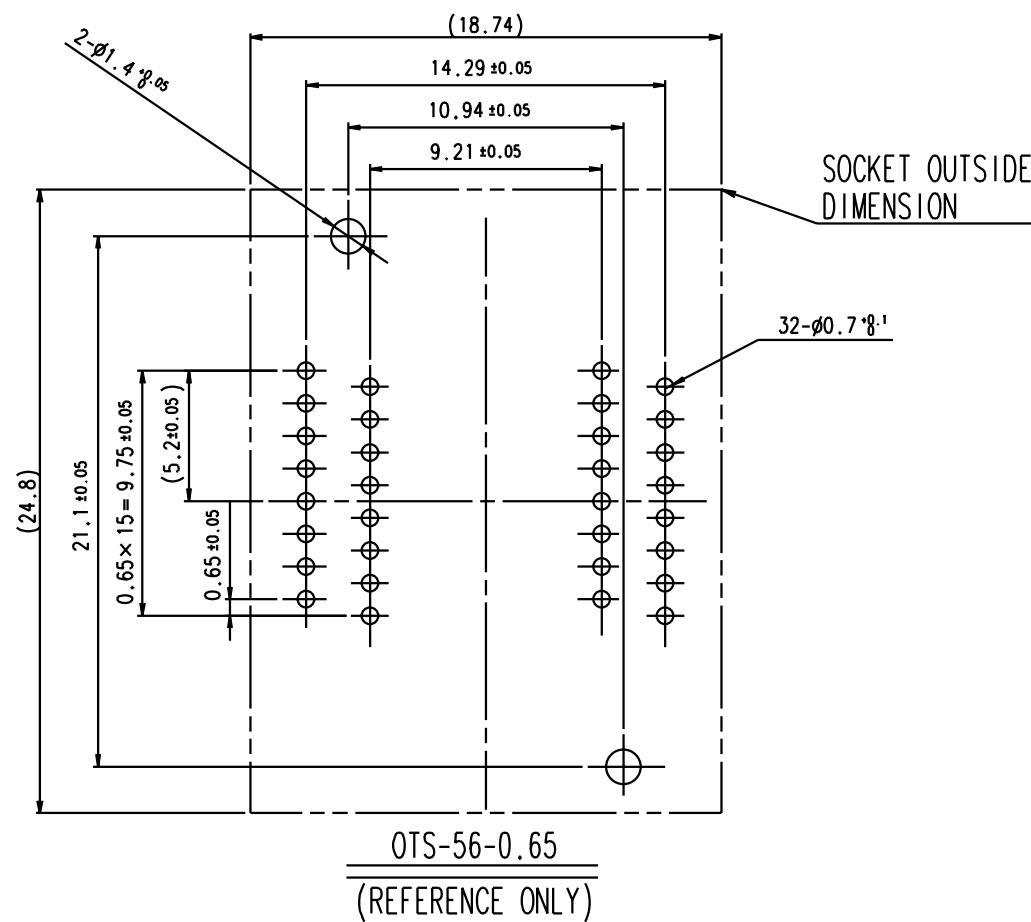
TSOP TYPE I (NON-CARRIER TYPE PINCH CONTACT)

Unit: mm (in)

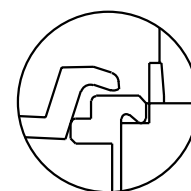
PART NO.	PIN COUNT	PITCH	ACTUATION FORCE	APPLICABLE IC DIMENSIONS (REF.)				OUTSIDE DIMENSIONS (REF.)				REMARKS
				A	B	C	D	E	F	G	H	
OTS-32-0.5-09	32	0.5 (19.6mil)	max 1.2kg	20 (0.787)	18.4 (0.724)	19 (0.748)	8.23 (0.324)	40 (1.575)	14 (0.551)	14.3 (0.563)	3.6 (0.142)	8X20
OTS-48-0.5-03	48	0.5 (19.6mil)	max 1.8kg	20 (0.787)	18 (0.724)	19 (0.748)	12 (0.472)	38 (1.496)	20 (0.787)	14.3 (0.563)	3.2 (0.126)	12X20
OTS-48-0.5-09	48	0.5 (19.6mil)	max 1.8kg	18±0.1 (0.708)	16.4±0.05 (0.645)	17±0.1 (0.669)	max12.25 (0.482)	33 (1.299)	20 (0.787)	15.7 (0.618)	2.8 (0.110)	12X18



OTS-56-0.65
(REFERENCE ONLY)



ONE POINT CONTACT
(REFERENCE ONLY)



PINCH CONTACT
(REFERENCE ONLY)