

SOP

SMALL OUTLINE
PACKAGE

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Applicable IC/SOP•SSOP

OPEN TOP TYPE SOCKETS

ORDERING PROCEDURE

OTS - () - () - ()

Socket Series Pin Count Pitch Design NO.

SPECIFICATIONS

Contact resistance: Initial $30\text{m}\Omega$ or $50\text{m}\Omega$ (At 10mA)

Maximum voltage: AC700V RMS (for 1 minute)

* Below 0.5mm Pitch

AC500V RMS (for 1 minute)

Insulation resistance: $1,000\text{M}\Omega$ or higher (At DC 500V)

Rated current: 1A

Operating temperature range: $-60^{\circ}\text{C} \sim +150^{\circ}\text{C}$

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)

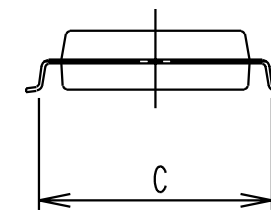
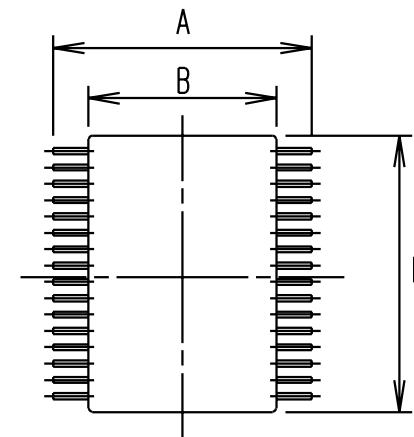
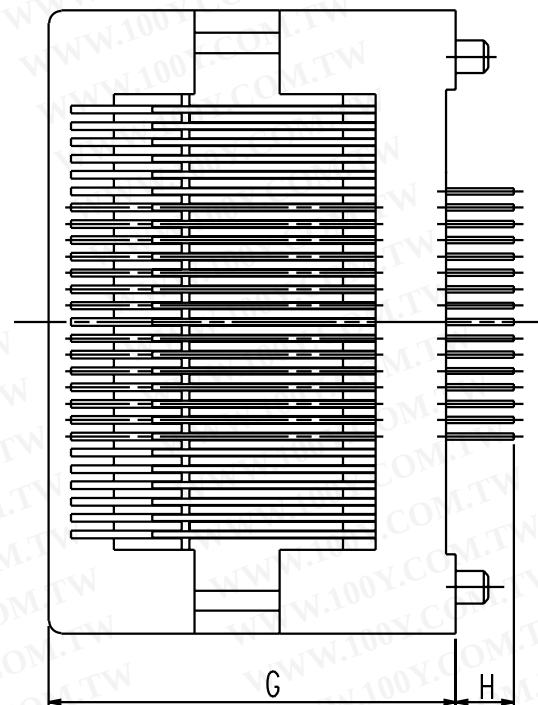
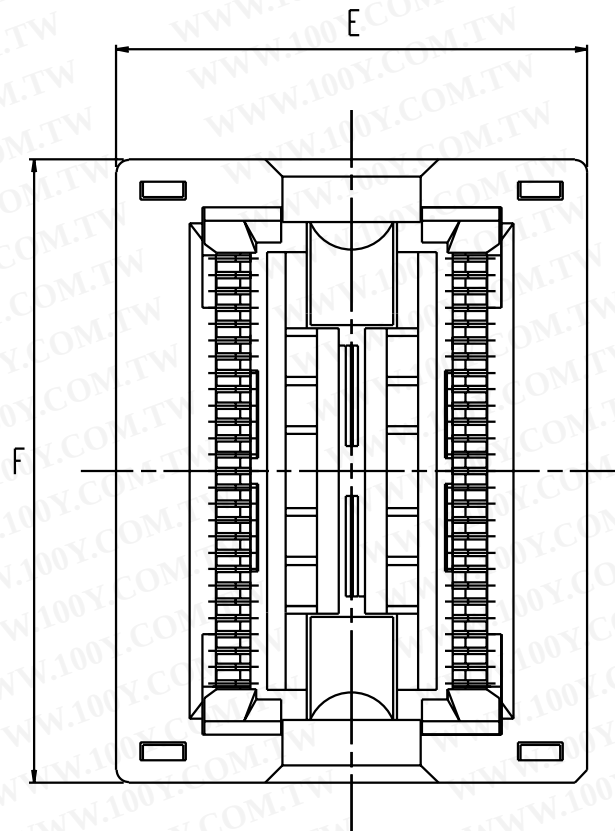
PART NO.	PIN COUNT	PITCH	ACTUATION FORCE	APPLICABLE IC DIMENSIONS (REF.)				OUTSIDE DIMENSIONS (REF.)				REMARKS
				A	B	C	D	E	F	G	H	
OTS-16(28)-0.635-02	16	0.635 (25mil)	max 1.0kg	6.0±0.05 (0.244)	3.94±0.05 (0.160)	4.8 (0.188)		21.1 (0.830)	17.6 (0.693)	17.5 (0.689)	3 (0.118)	
OTS-20(28)-0.635-02	20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

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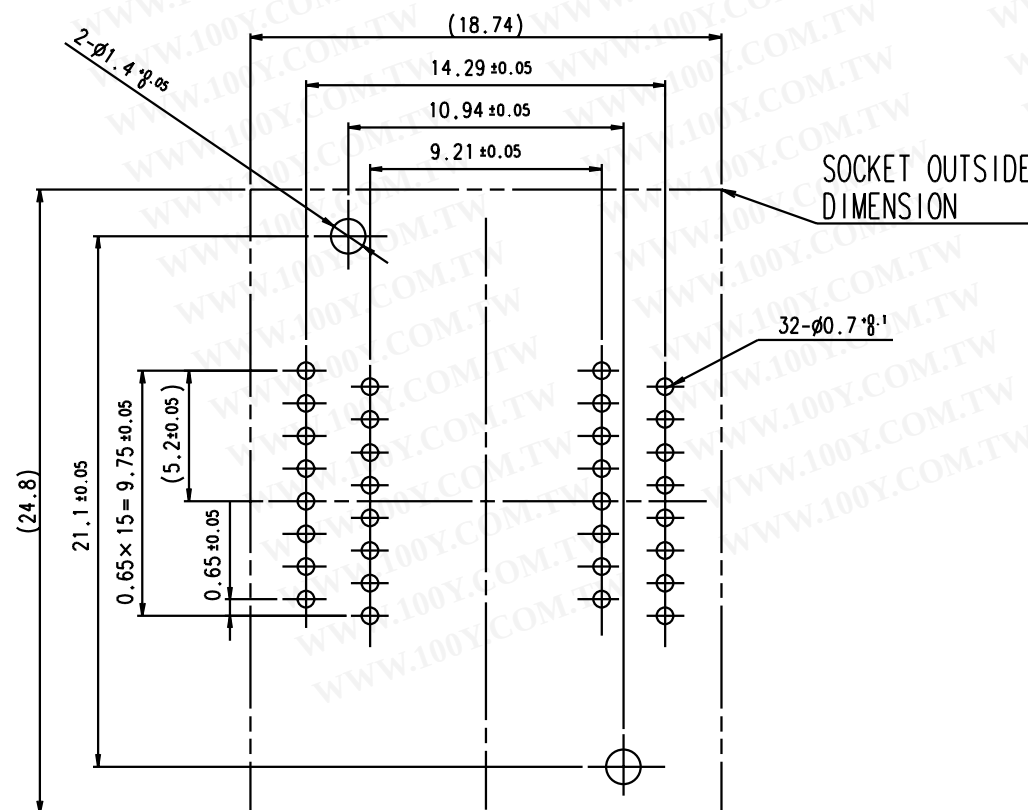
Unit: mm (in)

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 (26mil)	max 2.2kg	8.1±0.05 (0.319)	6.1±0.05 (0.240)	6.9 (0.272)		23.2 (0.913)	23.1 (0.909)	17.5 (0.689)	3 (0.118)	
OTS-38(44)-0.65-03	38	0.65 (26mil)	max 1.9kg	8.1±0.05 (0.319)	6.1±0.05 (0.240)	6.9 (0.272)		23.2 (0.913)	23.1 (0.909)	17.5 (0.689)	3 (0.118)	
OTS-44-0.65-02	44	0.65 (26mil)	max 2.2kg	8.1±0.05 (0.319)	6.1±0.05 (0.240)	6.9 (0.272)		23.2 (0.913)	23.1 (0.909)	17.5 (0.689)	3 (0.118)	
OTS-48(64)-0.5-02	48	0.5 (19mil)	max 1.8kg	8.1±0.1 (0.319)	6.1±0.15 (0.240)	6.8±0.1 (0.267)	max12.9 (0.508)	19.7 (0.775)	22.7 (0.894)	14.8 (0.583)	3.3 (0.118)	
OTS-56(64)-0.5-02	56	0.5 (19mil)	max 2.0kg	8.1±0.1 (0.319)	6.1±0.15 (0.240)	6.8±0.1 (0.267)	max15.4 (0.606)	19.7 (0.775)	22.7 (0.894)	14.8 (0.583)	3.3 (0.118)	
OTS-64-0.5-01	64	0.5 (19mil)	max 2.3kg	8.1±0.1 (0.319)	6.1±0.15 (0.240)	6.8±0.1 (0.267)	max17.45 (0.687)	19.7 (0.775)	22.7 (0.894)	14.8 (0.583)	3.3 (0.118)	

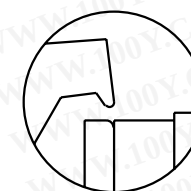
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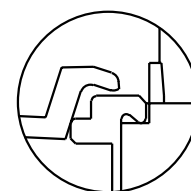
OTS-56-0.65
(REFERENCE ONLY)



OTS-56-0.65
(REFERENCE ONLY)



ONE POINT CONTACT
(REFERENCE ONLY)



PINCH CONTACT
(REFERENCE ONLY)