

SOP

SMALL OUTLINE PACKAGE

OTS - () - () - ()

 Pin Count Pitch Design NO.

Socket Series

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)



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

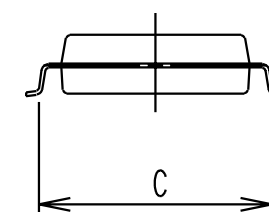
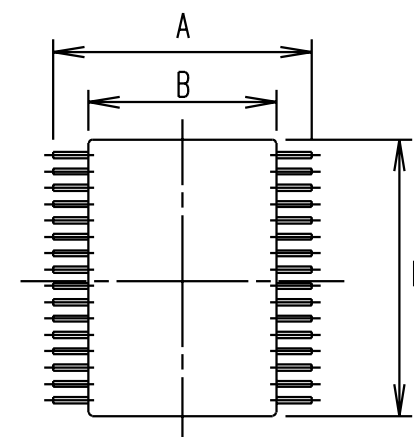
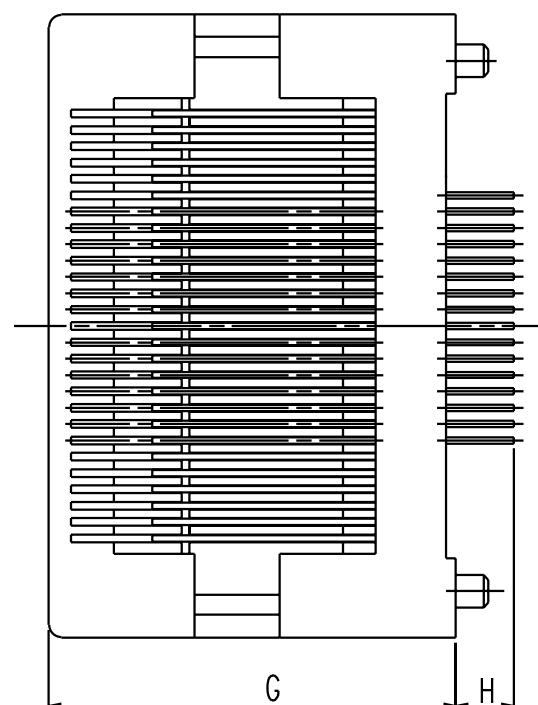
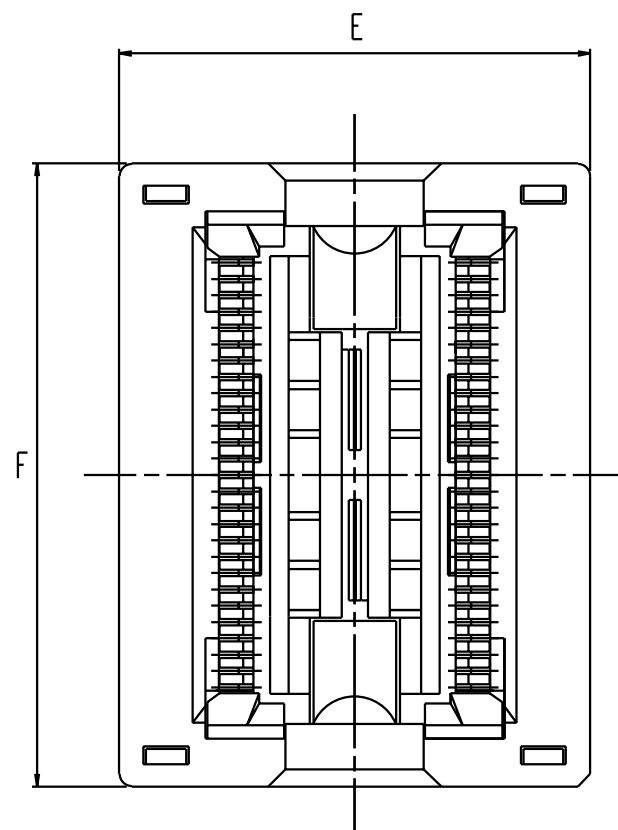
PINCH CONTACT: Patent No. 1869849 (Japan) Patent No. 4691975 (U.S.A.)

APPLICABLE IC DIMENSIONS & SOCKET DIMENSIONS

PSOP (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-14-1.0-01	14	1.0	max 1.2kg	10.3±0.05 (0.405)	7.5±0.05 (0.295)	8.9 (0.350)	max6.9 (0.272)	24 (0.945)	16.5 (0.650)	17 (0.669)	2.5 (0.098)	PSO with 2 GRD pins
OTS-12(14)-1.0-01	12	1.0	max 1.0kg	10.3±0.05 (0.405)	7.5±0.05 (0.295)	8.9 (0.350)	max6.9 (0.272)	24 (0.945)	16.5 (0.650)	17 (0.669)	2.5 (0.098)	PSO without 2 GRD pins
OTS-20-1.27-04	20	1.27 (50mil)	max 2.0kg	14.2±0.1 (0.559)	11±0.1 (0.433)	12.6 (0.496)		22 (0.866)	29.2 (1.150)	17 (0.669)	2.5 (0.098)	
OTS-36-0.65-02	36	0.65 (26mil)	max 2.3kg	14.2±0.3 (0.319)	11±0.1 (0.433)	12.6 (0.496)		22 (0.866)	29.2 (1.150)	17 (0.669)	2.5 (0.098)	



OTS-56-0.65
(REFERENCE ONLY)

