

QFP

QUAD FLAT PACKAGE

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OTQ - ()-()- ()

└──────────┴──────────┬──────────┘ Design NO.

 └───────┘ Pin Count

 └───┘ Pitch

 └───┘ Socket Series

Contact resistance: Initial 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. 10,000 times (Mechanical)

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

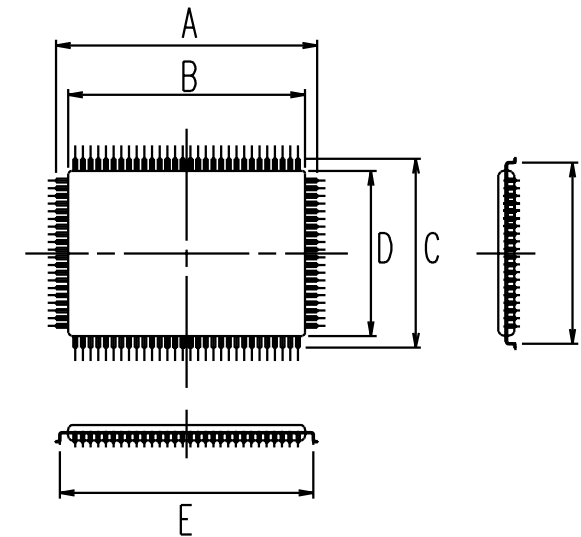
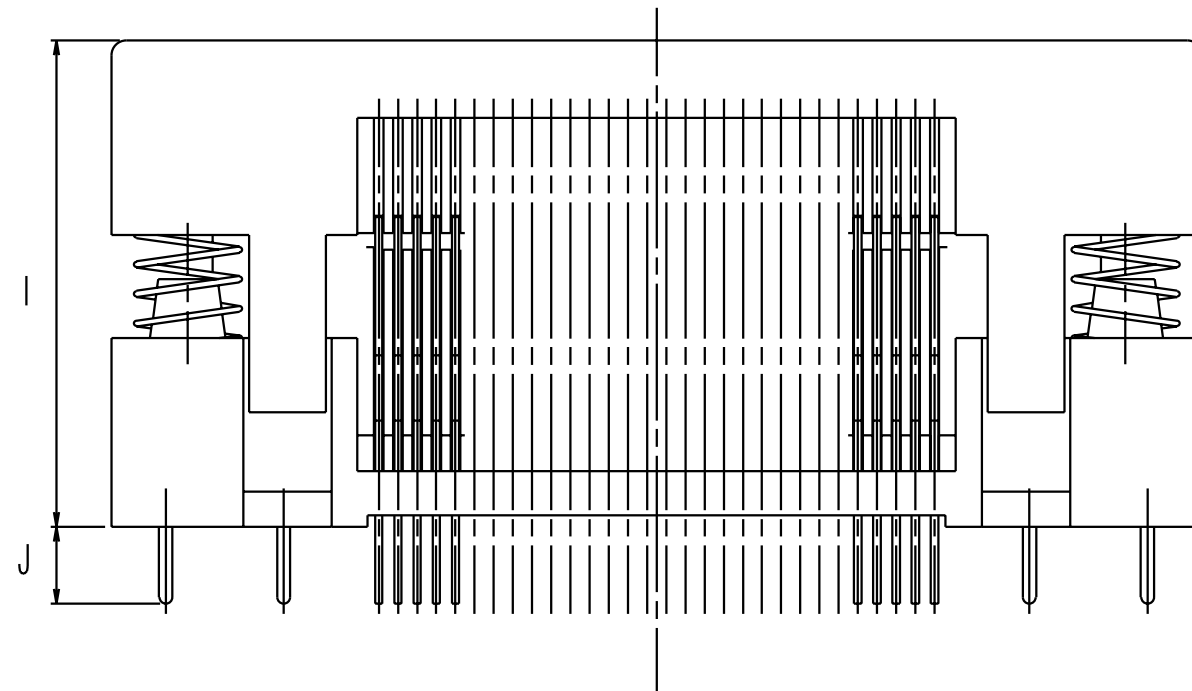
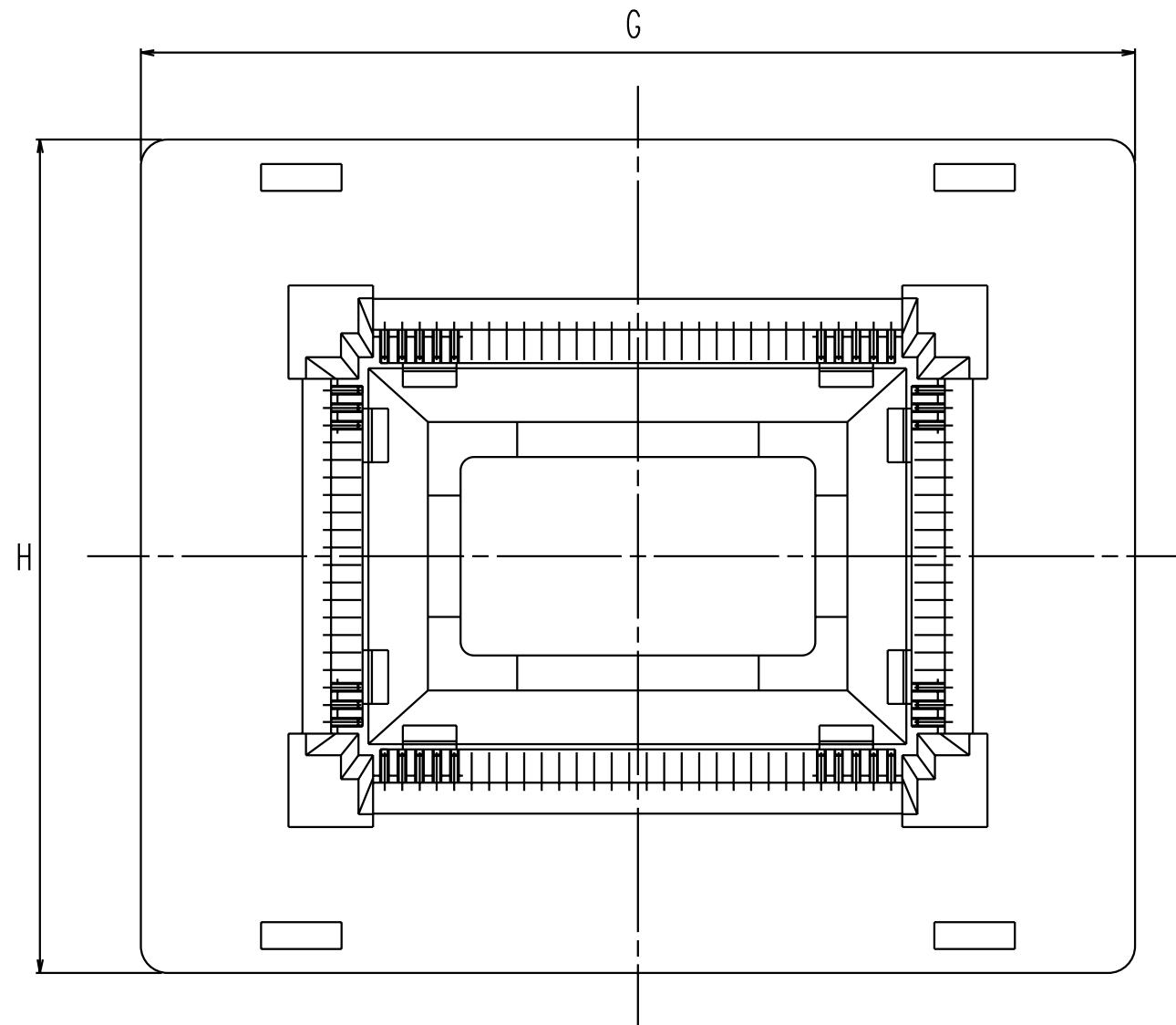
APPLICABLE IC DIMENSIONS & SOCKET DIMENSIONS

ONE POINT CONTACT (LOW PROFILE SERIES)

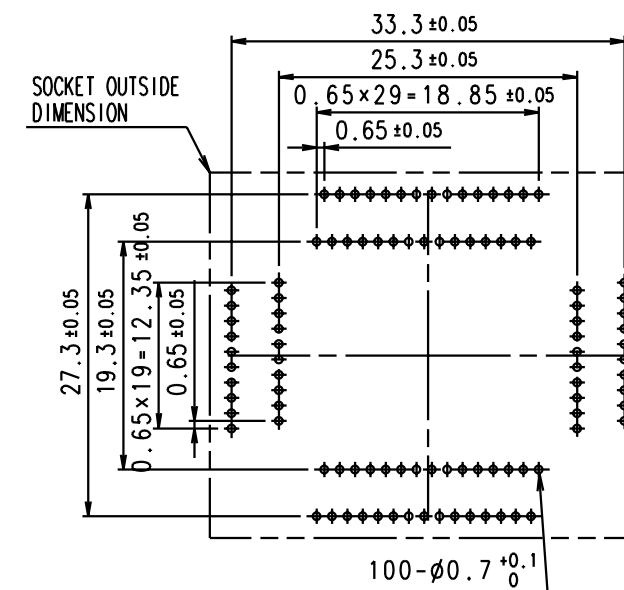
Unit: mm (in)

PART NO.	PIN COUNT	PITCH	ACTUATION FORCE	APPLICABLE IC DIMENSIONS (REF.)						OUTSIDE DIMENSIONS (REF.)				REMARKS
				A	B	C	D	E	F	G	H	I	J	
OTQ-100-0.65-08	100	0.65 (26mil)	max 2kg	22±0.1 (0.866)	20 (0.787)	16±0.1 (0.629)	14 (0.551)			37 (1.456)	31 (1.220)	16.5 (0.649)	3.3 (0.129)	Lead Guide
OTQ-100-0.65-10	100	0.65 (26mil)	max 2kg	22±0.1 (0.866)	20 (0.787)	16±0.1 (0.629)	14 (0.551)			37 (1.456)	31 (1.220)	16.5 (0.649)	3.3 (0.129)	Lead Guide
OTQ-100-0.65-11	100	0.65 (26mil)	max 2kg	23.2±0.1 (0.913)	max 21.1 (0.830)	17.2±0.1 (0.677)	max 15.1 (0.594)			38.2 (1.503)	32.2 (1.267)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-128-0.5-04	128	0.5 (19.6mil)	max 2.7kg	23.2±0.1 (0.913)	21.6 (0.850)	17.2±0.1 (0.677)	15.6 (0.614)			38.2 (1.503)	32.2 (1.267)	16.5 (0.649)	3.3 (0.129)	Lead Guide
OTQ-128-0.5-05	128	0.5 (19.6mil)	max 2.7kg	22 (0.866)	20.5 (0.807)	16 (0.630)	14.5 (0.571)	21 (0.827)	15 (0.591)	37 (1.456)	31 (1.220)	16.5 (0.649)	3.3 (0.129)	Short Guide
OTQ-144-0.5-06	144	0.5 (19.6mil)	max 2.7kg	22±0.1 (0.866)	20 (0.787)	22±0.1 (0.866)	20 (0.787)			37 (1.456)	37 (1.456)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-144-0.5-08	144	0.5 (19.6mil)	max 2.8kg	22±0.1 (0.866)	20 (0.787)	22±0.1 (0.866)	20 (0.787)			37 (1.456)	37 (1.456)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-160(176)-0.5-03	160	0.5 (19.6mil)	max 3.2kg	26±0.1 (1.024)	24 (0.945)	26±0.1 (1.024)	24 (0.945)	25 (0.984)	25 (0.984)	41 (1.614)	41 (1.614)	16.5 (0.649)	2.5 (0.098)	Mold Guide
OTQ-208-0.5-04	208	0.5 (19.6mil)	max 3.6kg	30.6±0.05 (1.204)	max 28.5 (1.122)	30.6±0.05 (1.204)	max 28.5 (1.122)			45.6 (1.795)	45.6 (1.795)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-208-0.5-05	208	0.5 (19.6mil)	max 3.6kg	30±0.05 (1.181)	28 (1.102)	30±0.05 (1.181)	28 (1.102)			45 (1.771)	45 (1.771)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-208-0.5-06	208	0.5 (19.6mil)	max 3.6kg	30.6±0.05 (1.204)	max 28.5 (1.122)	30.6±0.05 (1.204)	max 28.5 (1.122)			45.6 (1.795)	45.6 (1.795)	16.5 (0.649)	3.3 (0.129)	Mold Guide

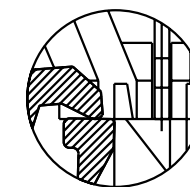
PART NO.	PIN COUNT	PITCH	ACTUATION FORCE	APPLICABLE IC DIMENSIONS (REF.)						OUTSIDE DIMENSIONS (REF.)				REMARKS
				A	B	C	D	E	F	G	H	I	J	
OTQ-240-0.5-01	240	0.5 (19.6mil)	max 4.8kg	34.6±0.05 (1.362)	32 (1.259)	34.6±0.05 (1.362)	32 (1.259)			49.6 (1.952)	49.6 (1.952)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-240-0.5-02	240	0.5 (19.6mil)	max 4.8kg	34.6±0.05 (1.362)	max 31.75 (1.250)	34.6±0.05 (1.362)	max 31.75 (1.250)			49.6 (1.952)	49.6 (1.952)	16.5 (0.649)	3.3 (0.129)	Lead Guide
OTQ-240-0.5-03	240	0.5 (19.6mil)	max 4.8kg	34.6 (1.362)	32.5 (1.279)	34.6 (1.362)	32.5 (1.279)	max 37.5 (1.328)	max 37.5 (1.328)	49.6 (1.952)	49.6 (1.952)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-304-0.5-01	304	0.5 (19.6mil)	max 6kg	42.6±0.1 (1.677)	40 (1.574)	42.6±0.1 (1.677)	40 (1.574)			57.6 (2.267)	57.6 (2.267)	16.5 (0.649)	3.3 (0.129)	Mold Guide
OTQ-304-0.5-02	304	0.5 (19.6mil)	max 6kg	42.6±0.05 (1.677)	40 (1.574)	42.6±0.05 (1.677)	40 (1.574)			57.6 (2.267)	57.6 (2.267)	16.5 (0.649)	3.3 (0.129)	Lead Guide
OTQ-304-0.5-03	304	0.5 (19.6mil)	max 6kg	42.6±0.1 (1.677)	40 (1.574)	42.6±0.1 (1.677)	40 (1.574)			57.6 (2.267)	57.6 (2.267)	16.5 (0.649)	3.3 (0.129)	Mold Guide



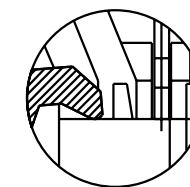
OTQ-100-0.65
(REFERENCE ONLY)



OTQ-100-0.65
(REFERENCE ONLY)



PINCH CONTACT
(TWO POINT CONTACT)
(REFERENCE ONLY)



ONE POINT CONTACT
(REFERENCE ONLY)