

QFP

QUAD FLAT
PACKAGE

Applicable IC/QFP

OPEN TOP TYPE SOCKETS

ORDERING PROCEDURE

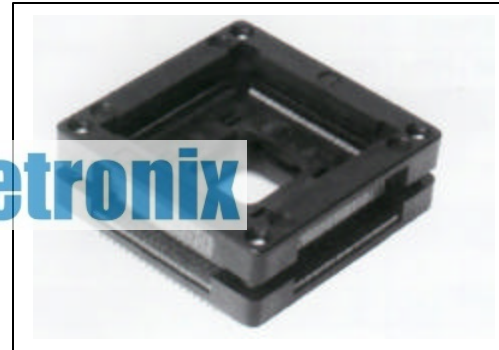
OTQ - () - () - ()

Socket Series Pin Count Pitch Design NO.

SPECIFICATIONS

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)

Ketronix



- * Better airflow.
- * Vertical actuation is ideal for automation.
- * Zero-insertion force.
- * Live bug.

MATERIAL

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

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APPLICABLE IC DIMENSIONS & SOCKET DIMENSIONS

ONE POINT CONTACT (QFP)

Unit: mm

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-44-0.8-01	44	0.8 (32mil)	max 1.8kg	13.9±0.2 (0.547)	10 (0.394)	13.9±0.2 (0.547)	10 (0.394)	max12.3 (0.484)	max12.3 (0.484)	27 (1.063)	27 (1.063)	13.5 (0.531)	3.4 (0.134)	Long lead
OTQ-44-0.8-02	44	0.8 (32mil)	max 1.8kg	13.9±0.2 (0.517)	10 (0.394)	13.9±0.2 (0.517)	10 (0.394)	max12.0 (0.472)	max12.3 (0.472)	27 (1.063)	27 (1.063)	13.5 (0.531)	3.4 (0.134)	Short lead
OTQ-52-0.65-01	52	0.65 (26mil)	max 2.0kg	13.9±0.2 (0.547)	10 (0.394)	13.9±0.2 (0.547)	10 (0.394)			28 (1.102)	28 (1.102)	13.5 (0.531)	3.4 (0.134)	Long lead
OTQ-52-0.65-02	52	0.65 (26mil)	max 2.0kg	13.9±0.2 (0.602)	10 (0.472)	15.3±0.3 (0.602)	12 (0.472)			31 (1.220)	31 (1.220)	13.5 (0.531)	3.4 (0.134)	Short lead
OTQ-80-0.65-04	80	0.65 (26mil)	max 4.0kg	17.2±0.1 (0.677)	14 (0.551)	17.2±0.1 (0.677)	14 (0.551)			34 (1.339)	34 (1.339)	14.3 (0.561)	2.6 (0.102)	Short lead
OTQ-64-1.0-04	64	1.0 (39mil)	max 2.5kg	23.9±0.3 (0.941)	20 (0.787)	17.9±0.3 (0.705)	14 (0.551)			48 (1.890)	42 (1.654)	22 (0.866)	3.5 (0.137)	Long lead
OTQ-64-1.0-05	64	1.0 (39mil)	max 2.5kg	23.2±0.3 (0.913)	20 (0.787)	17.2±0.3 (0.677)	14 (0.551)			48 (1.890)	42 (1.654)	22 (0.866)	3.5 (0.137)	Short lead
OTQ-80-0.8-04	80	0.8 (32mil)	max 3.5kg	23.9±0.3 (0.941)	20 (0.787)	17.9±0.3 (0.705)	14 (0.551)			48 (1.890)	42 (1.654)	22 (0.866)	3.5 (0.137)	Long lead
OTQ-80-0.8-05	80	0.8 (32mil)	max 3.5kg	23.2±0.3 (0.913)	20 (0.787)	17.2±0.3 (0.677)	14 (0.551)			48 (1.890)	42 (1.654)	22 (0.866)	3.5 (0.137)	Short lead
OTQ-100-0.65-04	100	0.65 (26mil)	max 4.0kg	23.9±0.3 (0.941)	20 (0.787)	17.9±0.3 (0.705)	14 (0.551)			48 (1.890)	42 (1.654)	22 (0.866)	3.5 (0.137)	Long lead
OTQ-100-0.65-05	100	0.65 (26mil)	max 4.0kg	23.2±0.3 (0.913)	20 (0.787)	17.2±0.3 (0.677)	14 (0.551)			48 (1.890)	42 (1.654)	22 (0.866)	3.5 (0.137)	Short lead

Unit: mm

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-120-0.8-01	120	0.8 (32mil)	max 0.5kg	31.9±0.25 (1.255)	28 (1.102)	31.9±0.25 (1.255)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Long lead
OTQ-120-0.8-02	120	0.8 (32mil)	max 0.5kg	31.2±0.25 (1.228)	28 (1.102)	31.2±0.25 (1.228)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Short lead
OTQ-128-0.8-01	128	0.8 (32mil)	max 0.5kg	31.9±0.25 (1.255)	28 (1.102)	31.9±0.25 (1.255)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Long lead
OTQ-128-0.8-02	128	0.8 (32mil)	max 0.5kg	31.2±0.25 (1.228)	28 (1.102)	31.2±0.25 (1.228)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Short lead
OTQ-144-0.65-01	144	0.65 (26mil)	max 5.0kg	31.9±0.25 (1.255)	28 (1.102)	31.9±0.25 (1.255)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Long lead
OTQ-144-0.65-02	144	0.65 (26mil)	max 5.0kg	31.2±0.25 (1.228)	28 (1.102)	31.2±0.25 (1.228)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Short lead
OTQ-160-0.65-01	160	0.65 (26mil)	max 6.0kg	31.9±0.25 (1.255)	28 (1.102)	31.9±0.25 (1.255)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Long lead
OTQ-160-0.65-02	160	0.65 (26mil)	max 6.0kg	31.2±0.25 (1.228)	28 (1.102)	31.2±0.25 (1.228)	28 (1.102)			55 (2.165)	55 (2.165)	22 (0.866)	3.5 (0.137)	Short lead