

QFP Sockets – Open Top

Features

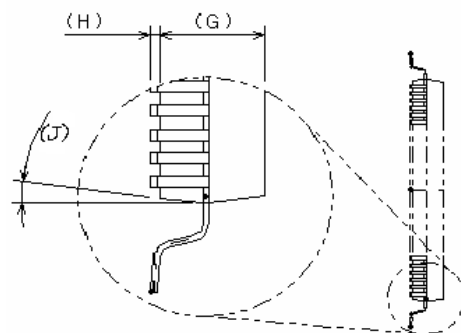
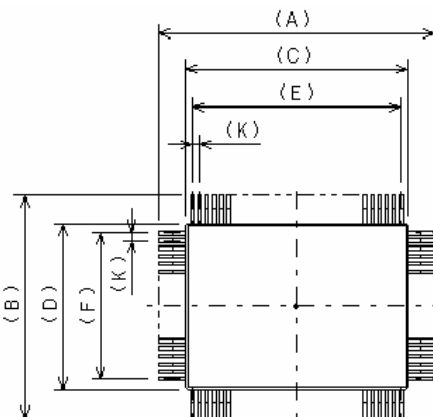
- Open top auto-load actuated socket
- Zero Insertion Force for auto-load
- Accommodates JEDEC package dimensions with corner post alignment
- Compact design and small footprint ensure high density mounting on BIB

Material Characteristics

- Insulator: PEI (Glass Filled)
- Contact: Beryllium Copper
- Plating: Gold over Nickel

Electrical Characteristics

- Insulation Resistance: 1,000MΩ minimum at 500 VDC
- Withstanding Voltage: 100-700 VAC for 1 minute
- Contact Resistance: 30 mΩ maximum at 10mA/20mV (Initial)
- Temperature Rating: -40°C to 150 °C
- Current Rating: 1.0 Amp
- Durability: 10,000 cycles minimum



Package Dimensions											Socket Dimensions	
# of Leads	K Pitch (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (deg)	Socket Envelope (X x Y) mm	Part Number
24	0.50	6.00	6.00	4.00	4.00	2.50	2.50	1.40	0.10	12.00	21.00x 21.00	CQF024-165B
44	0.80	12.40	12.40	10.00	10.00	8.00	8.00	1.40	0.10	7.00	27.80x 27.80	CQF044-131A
48	0.50	9.00	9.00	7.00	7.00	5.50	5.50	1.40	0.10	7.00	27.80x 27.80	CQF048-149A
100	0.65	23.20	17.20	20.00	14.00	18.85	12.35	2.70	0.10	12.00	44.00x 34.40	CQF100-138A
100	0.65	23.20	17.20	20.00	14.00	18.85	12.35	1.00	0.10	15.00	43.00x 32.80	CQF100143E
100	0.65	23.20	17.20	19.95	13.95	18.85	12.35	2.70	0.10	15.00	31.00x 25.00	CQF100-151A
100	0.65	23.20	17.20	18.85	12.35	18.85	12.35	1.00	0.13	12.00	31.00x 25.00	CQF100M-155A
100	0.65	23.20	17.20	18.85	12.35	18.85	12.35	1.00	0.10	12.00	31.00x 25.00	CQF100-155A
100	0.65	23.20	17.20	20.00	14.00	18.85	12.35	1.00	0.10	15.00	38.00x 32.60	CQF100-158A
100	0.65	22.00	16.00	20.00	14.00	18.85	12.35	1.40	0.10	12.00	37.00x 31.00	CQF100-160-AC
100	0.65	22.00	16.00	20.00	14.00	18.85	12.35	1.40	0.10	12.00	29.80x 23.80	CQF100-166B
120	0.50	18.40	18.40	16.00	16.00	14.50	14.50	2.20	0.14	10.00	36.60x 36.60	CQF120-142B
144	0.50	22.00	22.00	20.00	20.00	17.50	17.50	1.40	0.10	15.00	30.00x 30.00	CQF144-167D
208	0.50	30.60	30.60	28.00	28.00	25.50	25.50	3.30	0.15	15.00	39.40x 39.40	CQF208-168B

All contacts are single type, except CQF144-167D and CQF208-168B

For more information, contact Melissa Clark at 508-236-5282 or email mbclark@ti.com

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