

Specifications

Insulation Resistance: 1,000MΩ min. at 500V DC or
1,000MΩ min. at 100V DC*

Dielectric Withstanding Voltage: 100V AC for 1 minute or
500V AC for 1 minute or
700V AC for 1 minute*
*see table below

Contact Resistance: 30mΩ max. at 10mA/20mV max.

Operating Temperature Range: -40°C to +170°C

Contact Force: 20g min. per pin at minimum displacement of 0.3mm
80g max. per pin at maximum displacement of 0.7mm

Materials and Finish

Housing: Polyetherimide (PEI), glass-filled or
Polyphenylenesulfide (PPS), glass-filled

Contacts: Beryllium Copper (BeCu)

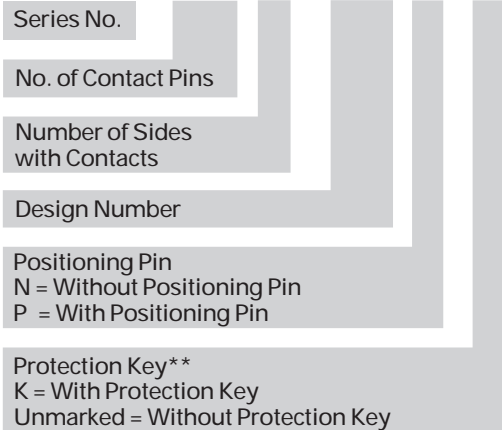
Plating: Gold over Nickel

Features

- Open top type sockets for QFP packages
- Lever operation ensures low actuation force and high durability
- Unique contact design ensures outstanding contact reliability and increased density on burn-in boards

Part Number (Details)

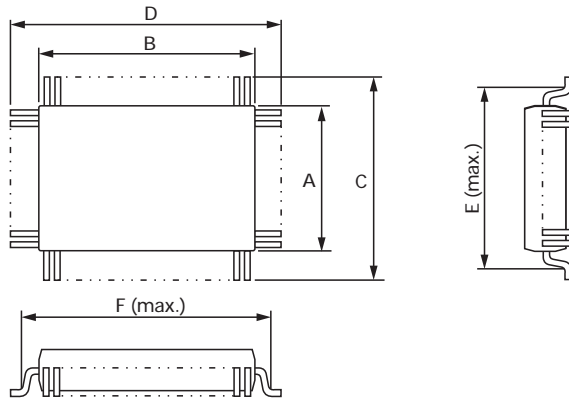
IC200 - 064 4 - 019 * - *



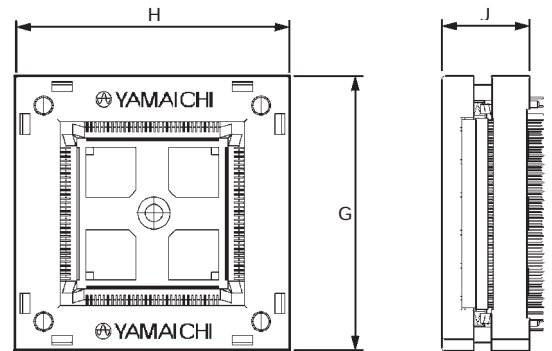
**Protection Key: Prevents IC from releasing during transportation

Applicable Socket and IC Dimensions (Reference Only)

Outline IC Dimensions



Outline Socket Dimensions



DWV = Dielectric Withstanding Voltage

Part Number	Pin Count	Pitch (mm)	Body Width	IC Dimensions						Socket Dimensions			DWV (Volt AC)
				A	B	C	D	E (max)	F (max)	G	H	J	
¹⁾ IC248-0444-001 *	44	0.8	10 x 10	10.0	10.0	13.2	13.2	12.1	12.1	27.0	27.0	14.9	700
IC201-0644-003 *	64	0.5	10 x 10	10.0	10.0	12.0	12.0	11.5	11.5	30.0	36.0	17.5	500
¹⁾ IC201-0644-040 *	64	0.5	10 x 10	10.0	10.0	12.0	12.0	11.5	11.5	28.7	28.7	17.5	100
IC201-0644-019 *-*	64	1.0	14 x 20	14.0	20.0	17.9	23.9	17.4	23.4	32.9	38.9	16.5	700
IC218-0724-001 *-*	72	0.8	13.2 x 18	13.2	18.0	18.8	23.6	18.3	23.1	31.8	36.6	15.5	700
¹⁾ IC201-0804-020 *-*	80	0.5	12 x 12	12.0	12.0	13.6	13.6	13.15	13.15	29.0	29.0	16.5	100
IC201-0804-014 *-*	80	0.5	12 x 12	12.0	12.0	14.0	14.0	13.5	13.5	29.0	29.0	16.5	500
IC201-0804-005 *-*	80	0.8	14 x 20	14.0	20.0	17.9	23.9	17.4	23.4	32.9	38.9	16.5	700
IC201-0804-012 *-*	80	0.65	14 x 14	14.0	14.0	17.2	17.2	16.7	16.7	32.2	32.2	16.5	700
IC201-0804-032 *	80	0.8	14 x 20	14.0	20.0	17.2	23.2	16.7	22.7	32.2	38.2	16.5	700
IC218-0804-002 *-*	80	0.8	14 x 20	14.0	20.0	19.2	25.2	18.7	24.7	32.2	38.2	15.5	700
IC201-1004-008 *-*	100	0.5	14 x 14	14.0	14.0	16.0	16.0	15.5	15.5	31.0	31.0	16.5	500
IC201-1004-016 *-*	100	0.65	14 x 20	14.0	20.0	17.9	23.9	17.4	23.4	32.9	38.9	16.5	700
IC201-1004-028 *	100	0.65	14 x 20	14.0	20.0	17.2	23.2	16.7	22.7	32.2	38.2	16.5	700
IC201-1004-050 *	100	0.65	14 x 20	14.0	20.0	16.0	22.0	15.55	21.55	31.0	37.0	16.0	500
IC216-1004-001 *-*	100	0.5	14 x 14	14.0	14.0	16.0	16.0	15.5	15.5	34.2	34.2	15.8	500

¹⁾Insulation Resistance: 1,000MΩ min. at 100V DC

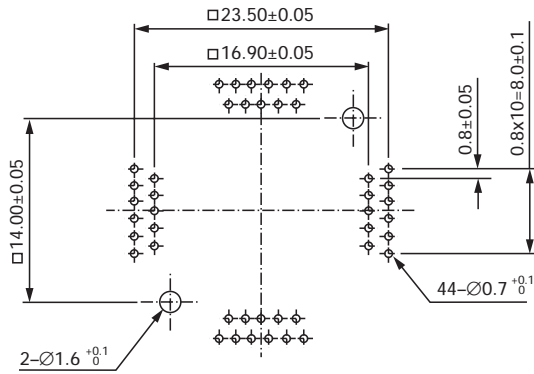
IC200 to IC248 - Open Top

Quad Flat Package (QFP)

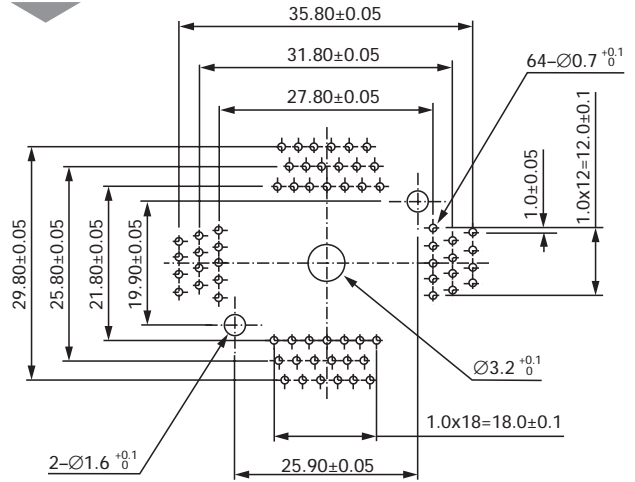
Recommended PCB Layouts (44 to 80 pins)

Top view from socket

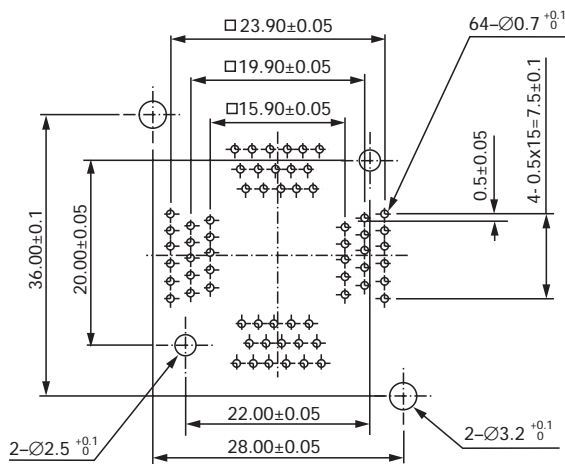
QFP IC248-0444-001 (44 Pins)



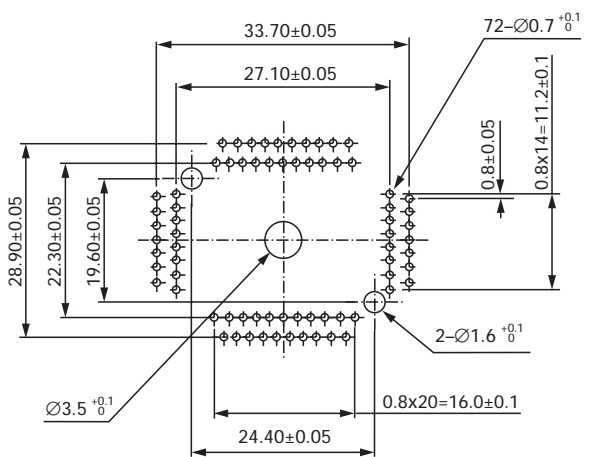
QFP IC201-0644-019 (64 Pins)



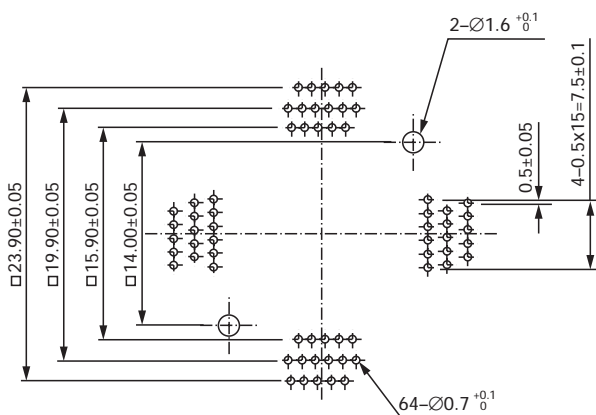
QFP IC201-0644-003 (64 Pins)



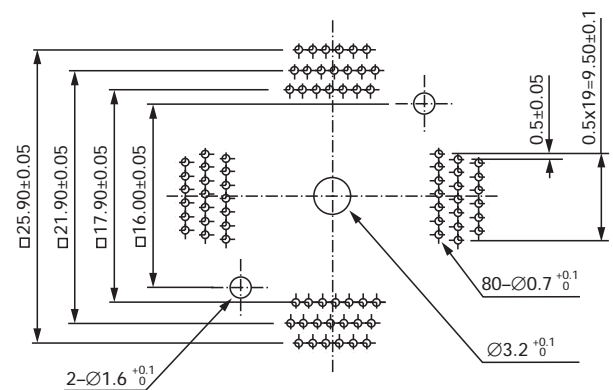
QFP IC218-0724-001 (72 Pins)



QFP IC201-0644-040 (64 Pins)



QFP IC201-0804-020 (80 Pins)



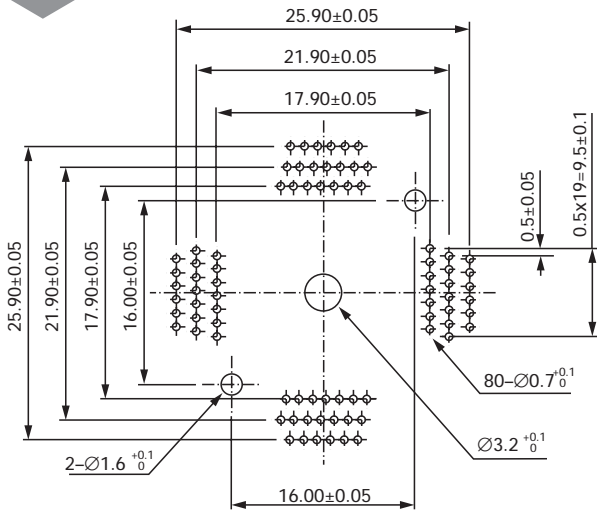
IC200 to IC248 - Open Top

Quad Flat Package (QFP)

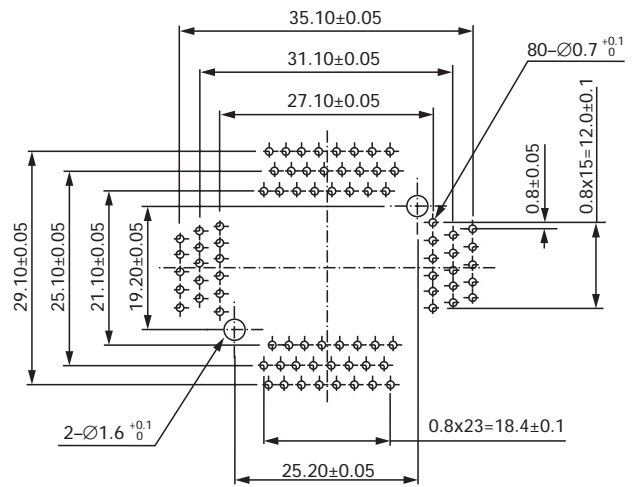
Recommended PCB Layouts (80 to 100 pins)

Top view from socket

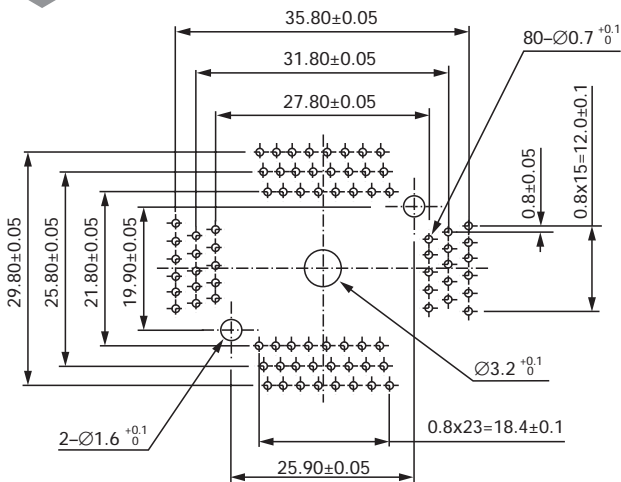
QFP IC201-0804-014 (80 Pins)



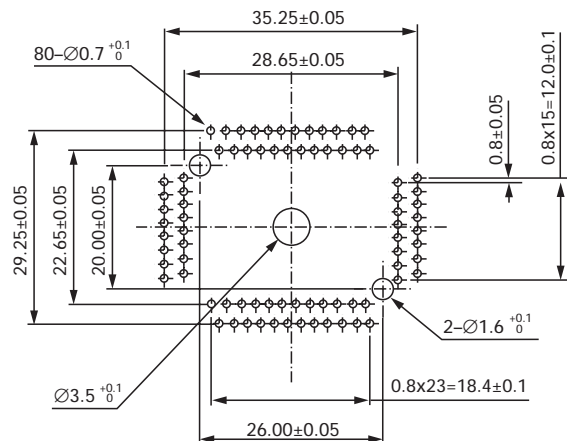
QFP IC201-0804-032 (80 Pins)



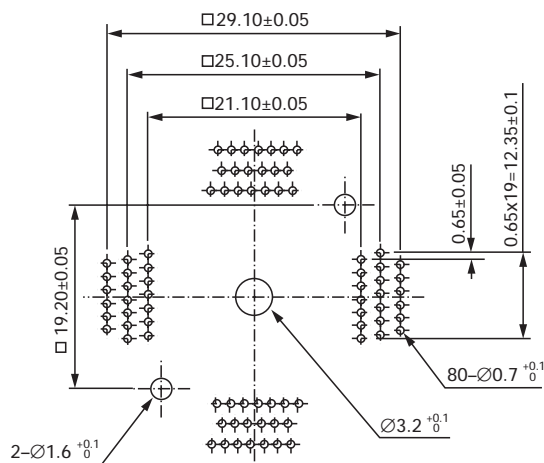
QFP IC201-0804-005 (80 Pins)



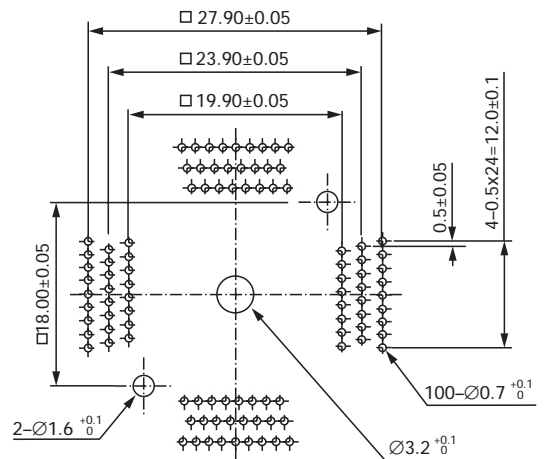
QFP IC218-0804-002 (80 Pins)



QFP IC201-0804-012 (80 Pins)



QFP IC201-1004-008 (100 Pins)



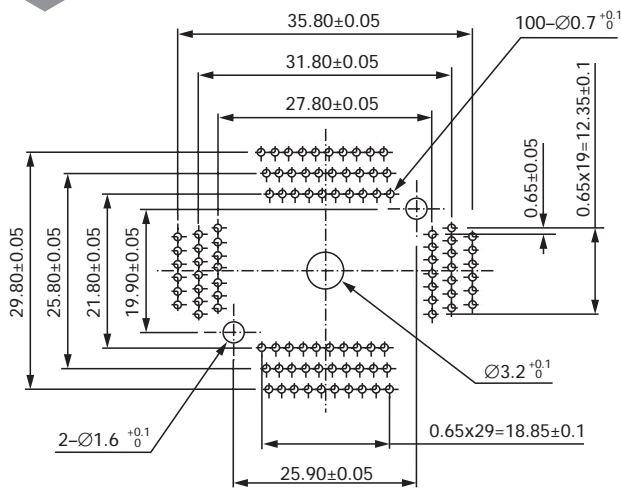
IC200 to IC248 - Open Top

Quad Flat Package (QFP)

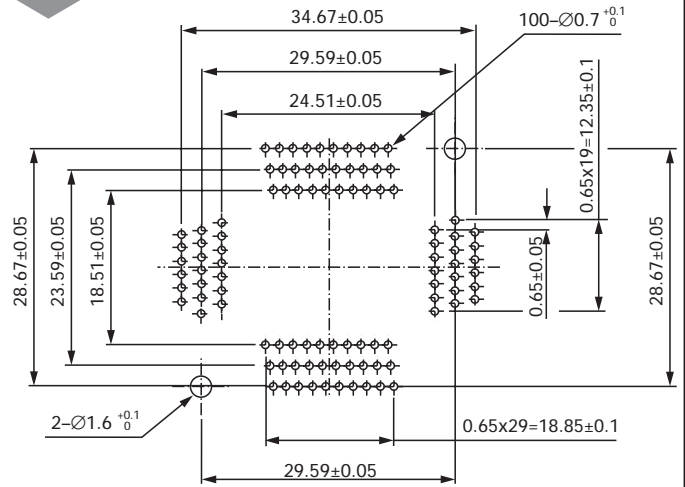
Recommended PCB Layouts (100 pins)

Top view from socket

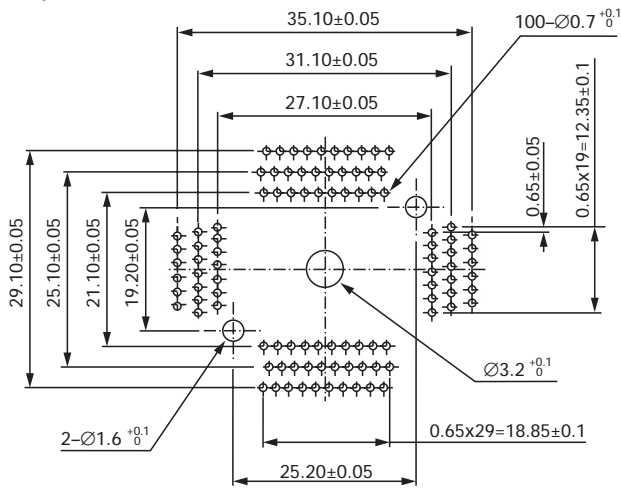
QFP IC201-1004-016 (100 Pins)



QFP IC201-1004-050 (100 Pins)



QFP IC201-1004-028 (100 Pins)



QFP IC216-1004-001 (100 Pins)

