

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
Contact Resistance:	30mΩ max. at 10mA/20mV max.
*Operating Temperature Range:	-40°C to +170°C and -40°C to +150°C
Contact Force:	20g min. per pin at minimum displacement of 0.3mm 80g max. per pin at maximum displacement of 0.7mm
Mating Cycles:	10,000 insertions min.

*** The information above is typical for Series IC200 to IC248
for individual specifications please contact Yamaichi**

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 - 128 4 - 001 * - *

Series No.

No. of Contact Pins

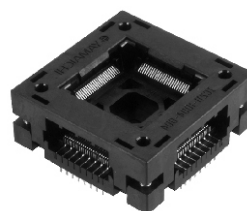
Number of Sides
with Contacts

Design Number

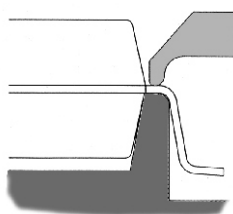
Positioning Pin:
N = Without Positioning Pin
P = With Positioning Pin

Protection Key**
K = With Protection Key
Unmarked = Without Protection Key

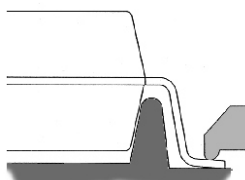
**Protection Key: Prevents IC from releasing during transportation



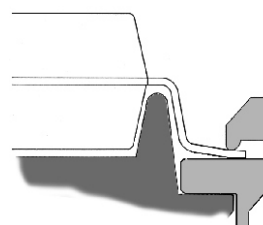
Contact Details



Shoulder Contact,

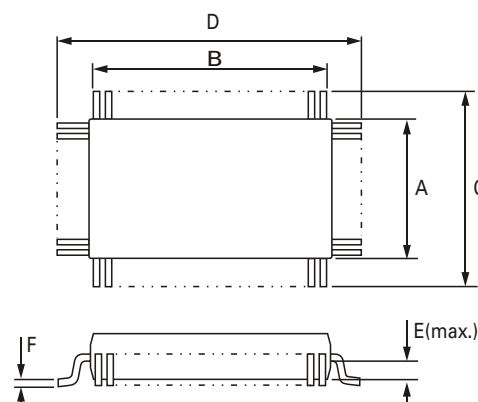
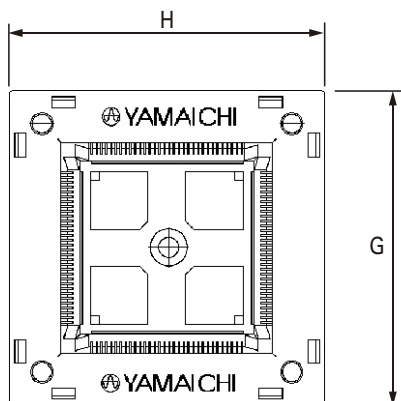


Conventional
Bottom Contact



2-point contact

Applicable Socket and IC Dimensions

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

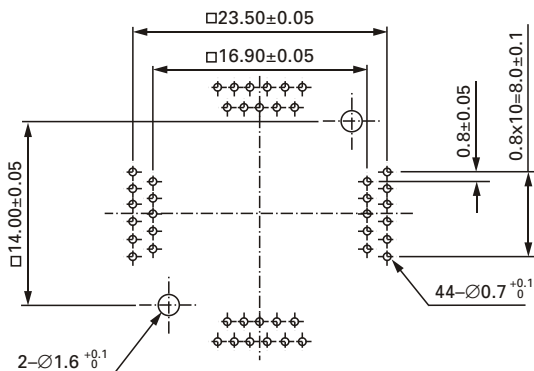
Part Number	Pin Count	Pitch (mm)	IC Dimensions					Socket Dim.		PCB Layout (see page)
			A x B (Body)	C	D	E (max)	F	G	H	
IC248-0444-001 *	44	0.8	10.0 x 10.0	13.2	13.2	0.80	0.15	27.0	27.0	C-18
IC201-0644-003 *	64	0.5	10.0 x 10.0	12.0	12.0	0.70	0.15	30.0	36.0	C-18
IC201-0644-040 *	64	0.5	10.0 x 10.0	12.0	12.0	0.67	0.15	28.7	28.7	C-18
IC201-0644-019 *.*	64	1.0	14.0 x 20.0	17.9	23.9	1.22	0.15	32.9	38.9	C-18
IC218-0724-001 *.*	72	0.8	13.2 x 18.0	18.8	23.6	0.90	0.15	31.8	36.6	C-18
IC201-0804-020 *.*	80	0.5	12.0 x 12.0	13.6	13.6	0.50	0.17	29.0	29.0	C-18
IC201-0804-014 *.*	80	0.5	12.0 x 12.0	14.0	14.0	0.62	0.127	29.0	29.0	C-19
IC201-0804-005 *.*	80	0.8	14.0 x 20.0	17.9	23.9	1.22	0.15	32.9	38.9	C-19
IC201-0804-012 *.*	80	0.65	14.0 x 14.0	17.2	17.2	0.92	0.15	32.2	32.2	C-19
IC218-0804-007 *	80	0.65	14.0 x 14.0	16.0	16.0	-	-	29.2	29.2	C-19
IC201-0804-032 *	80	0.8	14.0 x 20.0	17.2	23.2	-	0.15	32.2	38.2	C-19
IC218-0804-002 *.*	80	0.8	14.0 x 20.0	19.2	25.2	0.95	0.15	32.2	38.2	C-20
IC201-1004-008 *.*	100	0.5	14.0 x 14.0	16.0	16.0	0.66	0.127	31.0	31.0	C-20
IC201-1004-043 *	100	0.5	14.0 x 14.0	16.0	16.0	0.45	0.125	31.0	31.0	C-20
IC201-1004-016 *.*	100	0.65	14.0 x 20.0	17.9	23.9	1.28	0.15	32.9	38.9	C-20
IC201-1004-028 *	100	0.65	14.0 x 20.0	17.2	23.2	1.20	0.15	32.2	38.2	C-20
IC201-1004-050 *	100	0.65	14.0 x 20.0	16.0	22.0	0.75	0.15	31.0	37.0	C-21
IC201-1004-071 *	100	0.65	14.0 x 20.0	17.2	23.2	0.45	0.145	31.0	37.0	C-21
IC201-1004-072 *	100	0.65	14.0 x 20.0	16.0	22.0	0.70	0.15	31.0	37.0	C-21
IC216-1004-001 *.*	100	0.5	14.0 x 14.0	16.0	16.0	0.66	0.127	34.2	34.2	C-21
IC201-1204-017 *.*	120	0.5	16.0 x 16.0	18.4	18.4	0.95	0.15	33.4	33.4	C-22
IC248-1284-007 *.*	128	0.5	14.0 x 20.0	16.0	22.0	0.67	0.15	37.4	43.4	C-22
IC200-026 KS-13784	128	0.5	20.0 x 20.0	22.0	22.0	0.685	0.18	37.0	36.7	C-22
IC200-1284-001 *.*	128	0.8	28.0 x 28.0	32.0	32.0	1.50	0.15	52.0	52.0	C-22
IC201-1444-026 *-2	144	0.5	20.0 x 20.0	22.0	22.0	0.685	0.18	37.0	37.0	C-23
IC201-1444-034 *	144	0.5	20.0 x 20.0	22.0	22.0	0.65	0.15	37.0	37.0	C-23
IC217-1444-003 *	144	0.65	26.0 x 26.0	30.9	30.9	1.90	0.15	52.0	62.0	C-23
IC201-006 AC-04462	144	0.5	28.0 x 28.0	31.2	31.2	1.65	1.15	46.2	46.2	C-23
IC201-1604-006 *.*	160	0.65	28.0 x 28.0	31.2	31.2	1.65	0.15	46.2	46.2	C-23
IC217-1764-004 *	176	0.5	24.0 x 24.0	26.6	26.6	2.13	0.15	52.0	62.0	C-24
IC201-2084-001 *.*	208	0.5	28.0 x 28.0	30.0	30.0	1.50	0.15	45.0	45.0	C-24
IC200-2084-009 *.*	208	0.5	28.0 x 28.0	31.2	31.2	1.40	0.15	51.2	51.2	C-24
IC200-2084-010 *.*	208	0.5	28.0 x 28.0	30.6	30.6	1.40	0.15	50.6	50.6	C-24
IC201-2084-029 *	208	0.5	28.0 x 28.0	30.6	30.6	1.67	0.15	45.6	45.6	C-25
IC217-2404-007 *	240	0.5	32.0 x 32.0	34.6	34.6	1.75	0.15	56.1	56.1	C-25
IC201-2564-002 *.*-2	256	0.5	28.0 x 40.0	30.6	42.6	1.50	0.15	45.6	57.6	C-25
IC201-3044-004 *.*	304	0.5	40.0 x 40.0	42.6	42.6	1.50	0.15	57.6	57.6	C-25

Recommended PCB Layouts

Top View from Socket

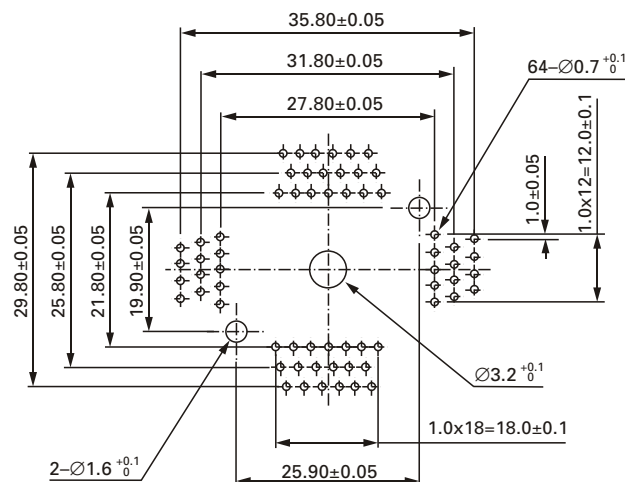
44 pins

IC248-0444-001



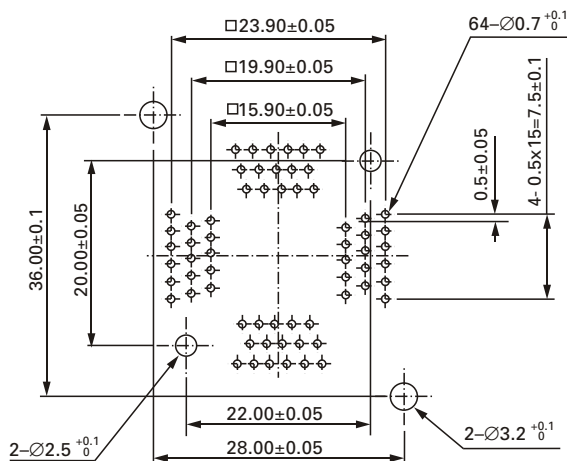
64 pins

IC201-0644-019



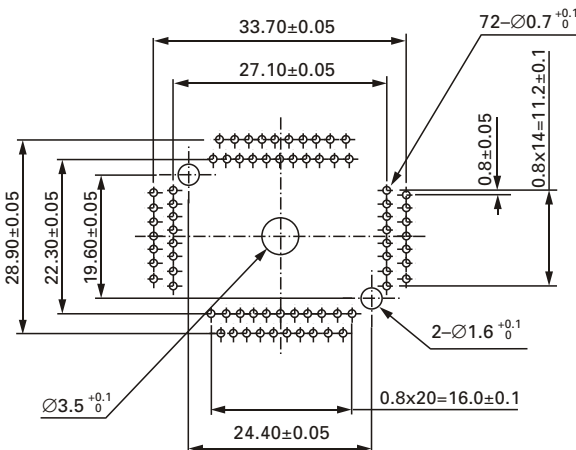
64 pins

IC201-0644-003



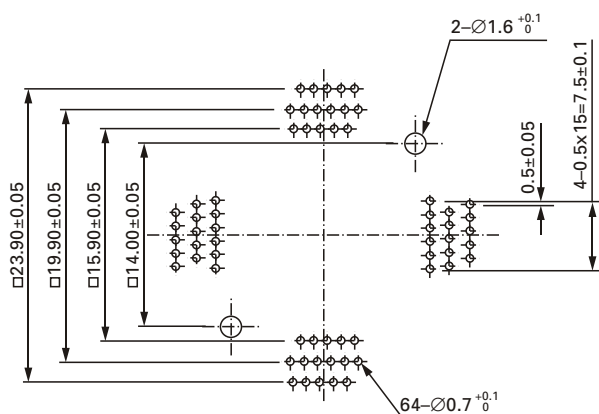
72 pins

IC218-0724-001



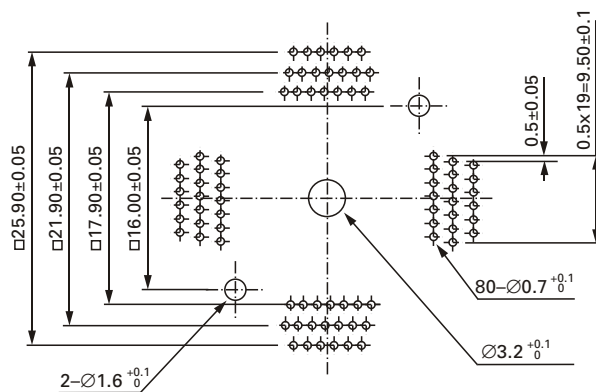
64 pins

IC201-0644-040



80 pins

IC201-0804-020

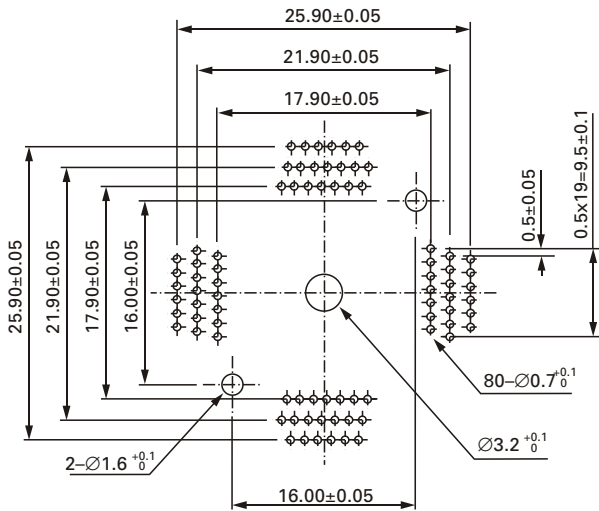


Recommended PCB Layouts

Top View from Socket

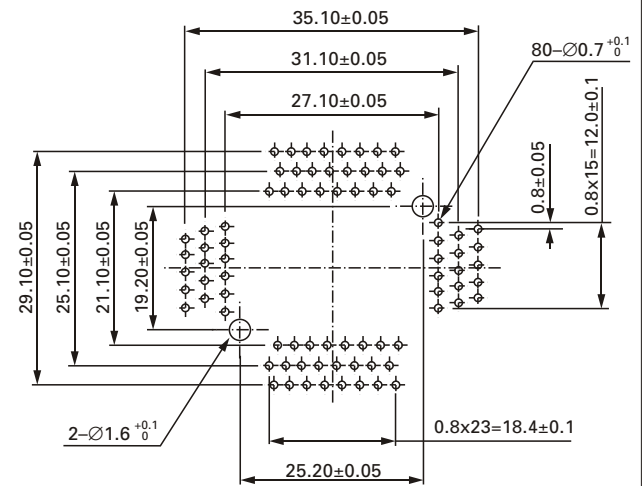
80 pins

IC201-0804-014



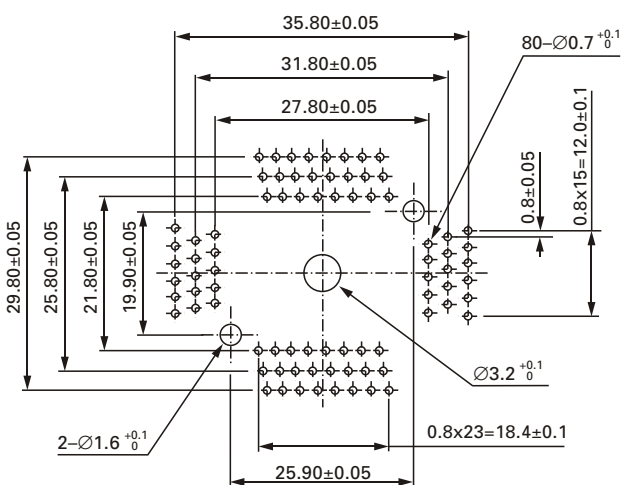
80 pins

IC201-0804-032



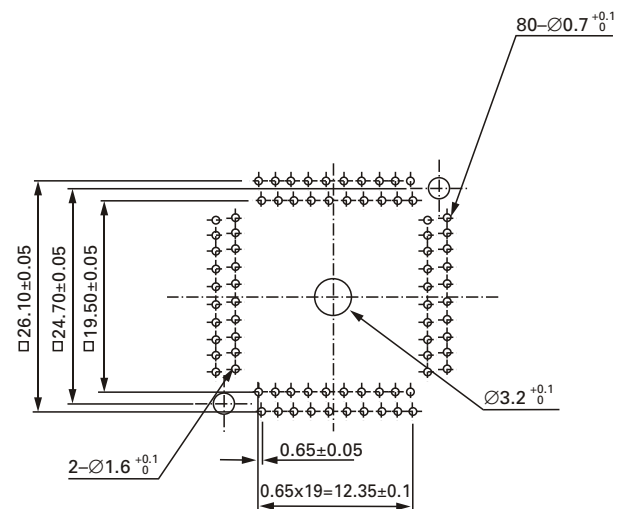
80 pins

IC201-0804-005



80 pins

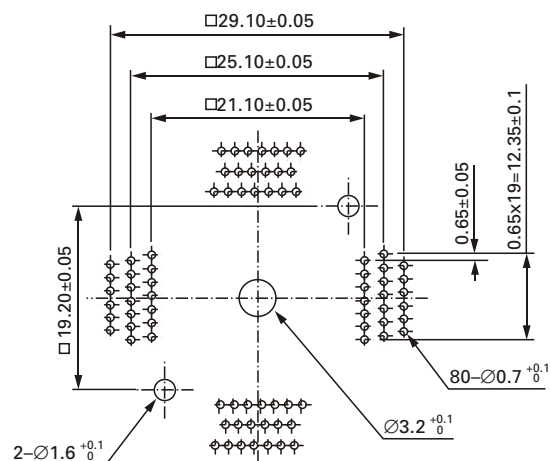
IC218-0804-007



Recommended PCB Layouts

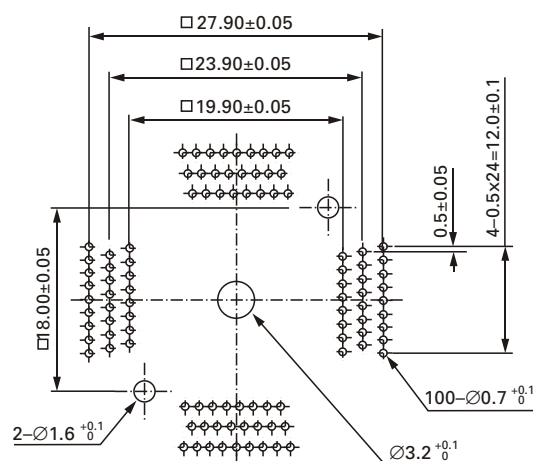
80 pins

IC201-0804-012



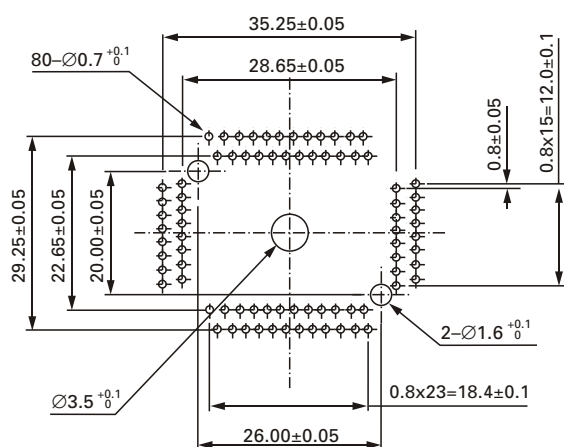
100 pins

IC201-1004-008
IC201-1004-043



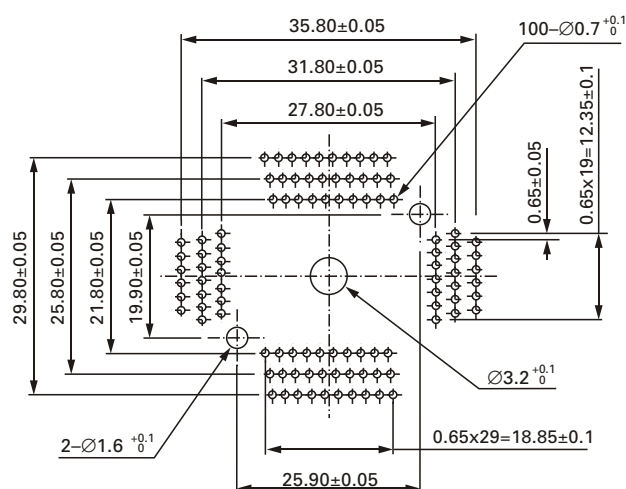
80 pins

IC218-0804-002



100 pins

IC201-1004-016

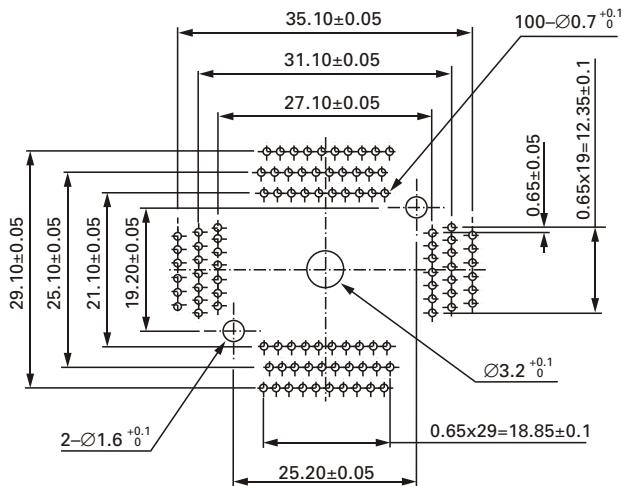


Top View from Socket

Recommended PCB Layouts

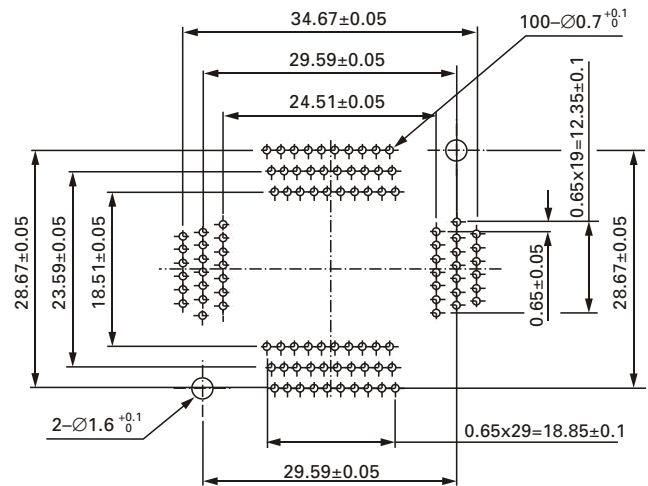
100 pins

IC201-1004-028
IC201-1004-071



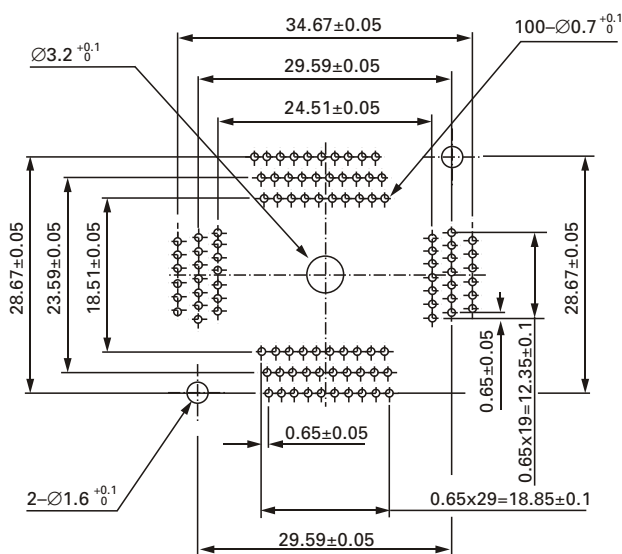
100 pins

IC201-1004-050



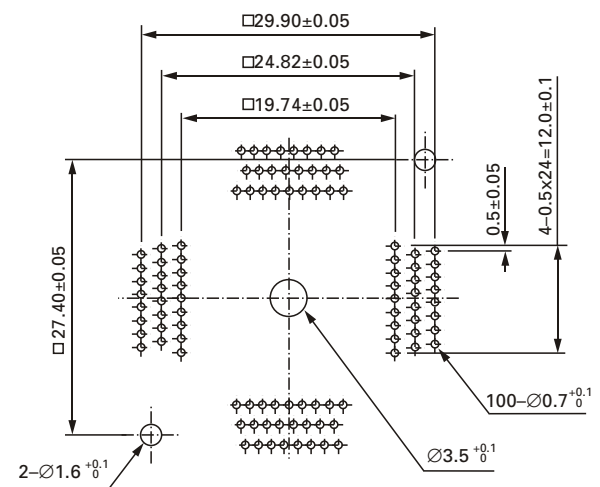
100 pins

IC201-1004-072



100 pins

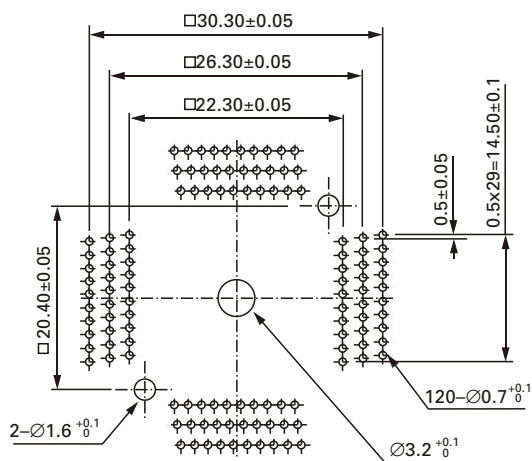
IC216-1004-001



Quad Flat Packages

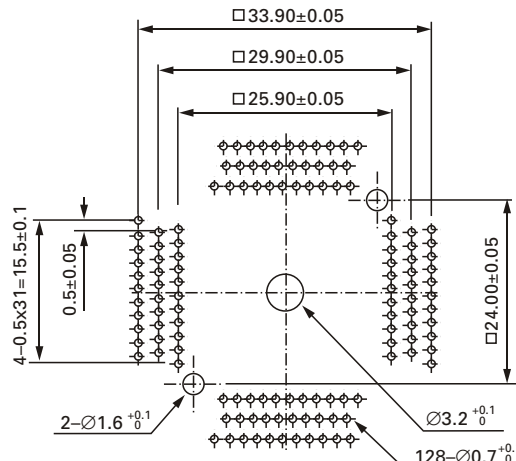
120 pins

IC201-1204-017



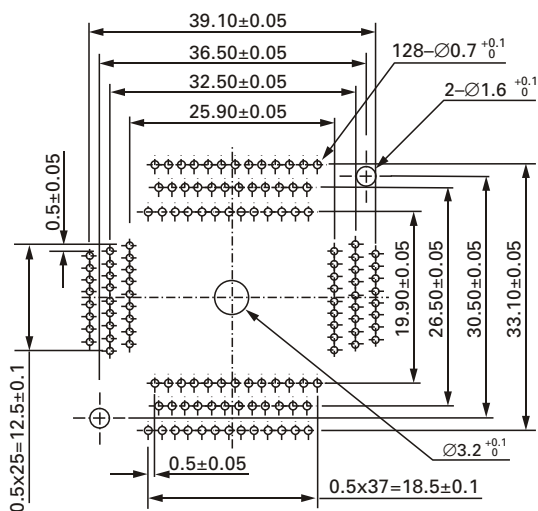
128 pins

IC201-026 KS 13784



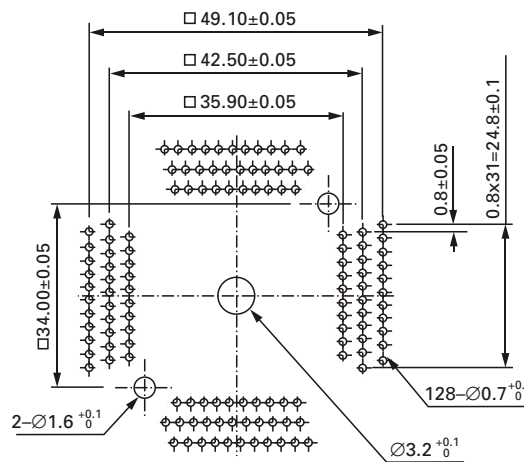
128 pins

IC248-1284-007



128 pins

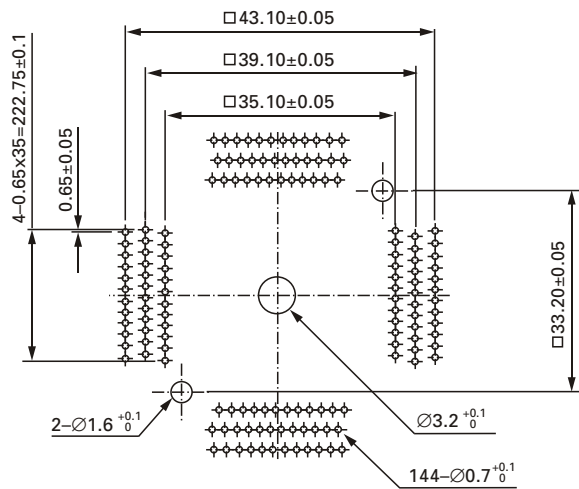
IC200-1284-001



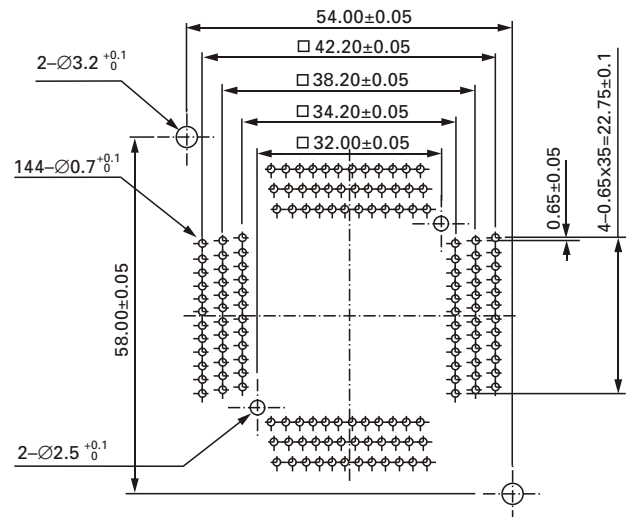
Recommended PCB Layouts

Top View from Socket

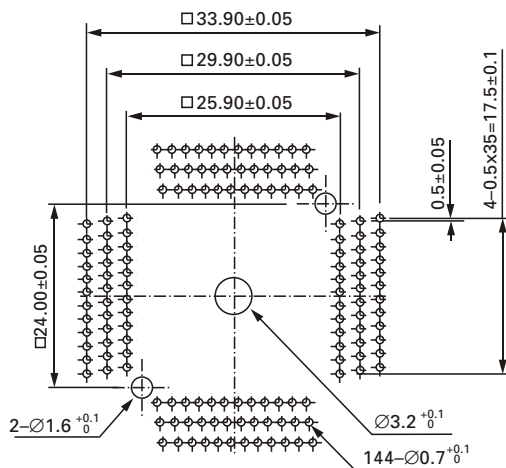
144 pins IC201-006 AC-04462



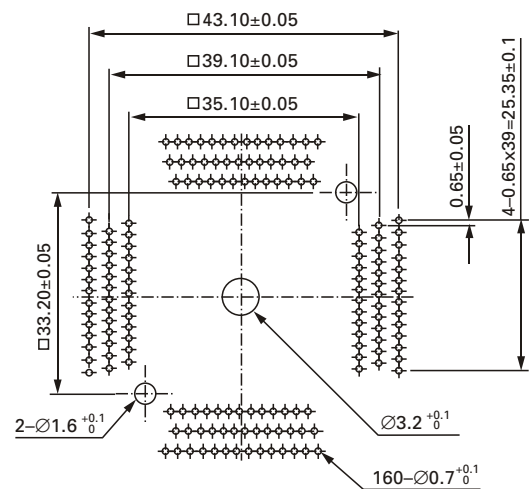
144 pins IC217-1444-003



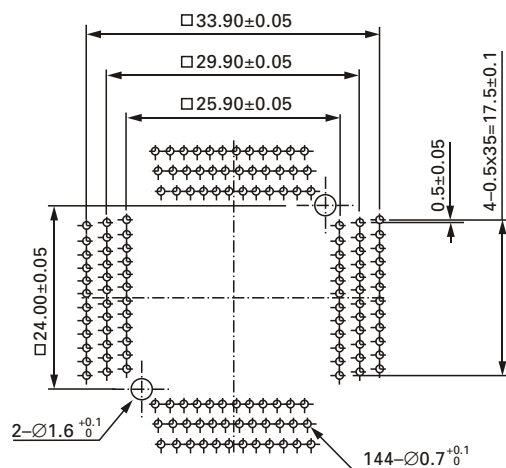
144 pins IC201-1444-026-2



160 pins IC201-1604-006



144 pins IC201-1444-034

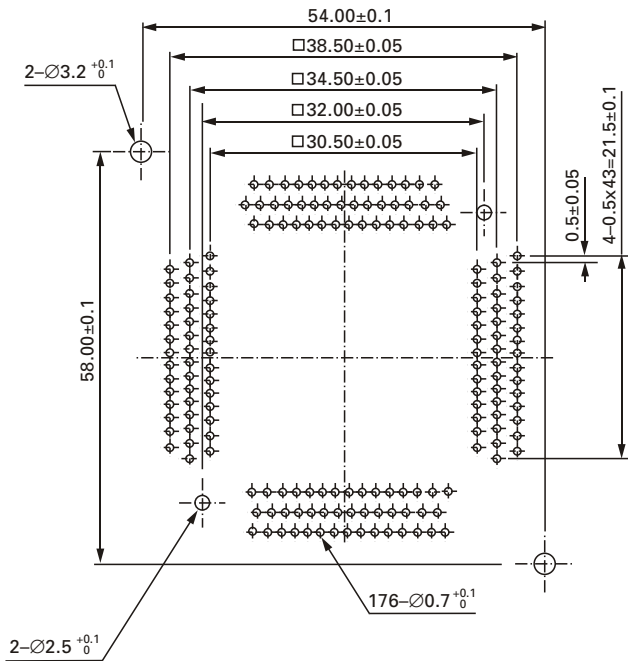


Recommended PCB Layouts

Top View from Socket

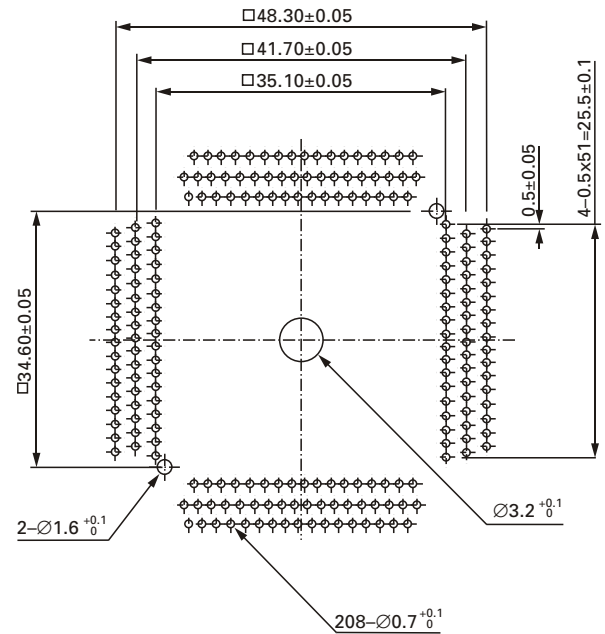
176 pins

IC217-1764-004



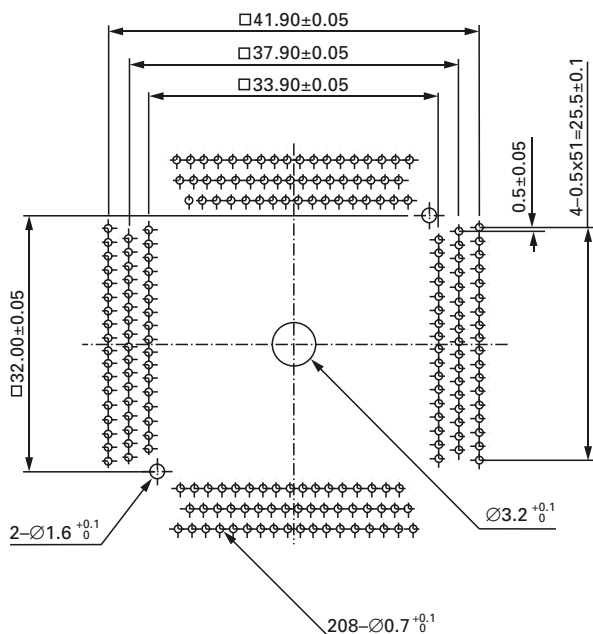
208 pins

IC200-2084-009



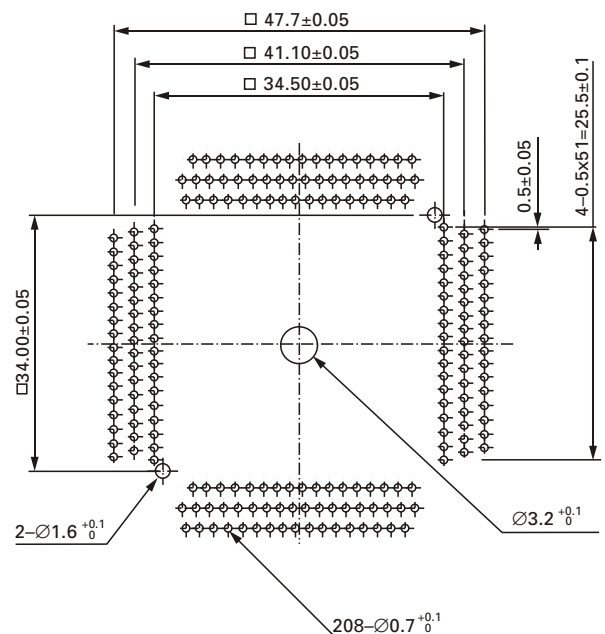
208 pins

IC201-2084-001



208 pins

IC200-2084-010

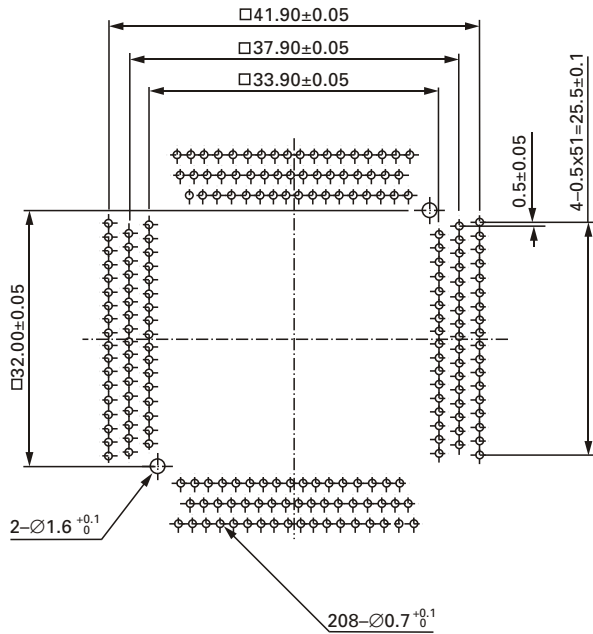


Recommended PCB Layouts

Top View from Socket

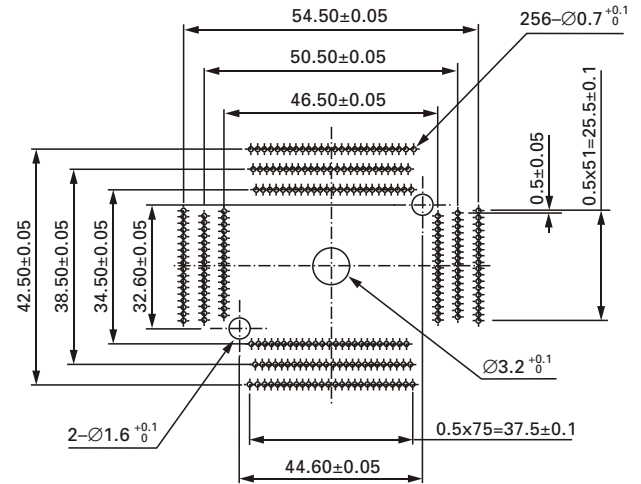
208 pins

IC201-2084-029



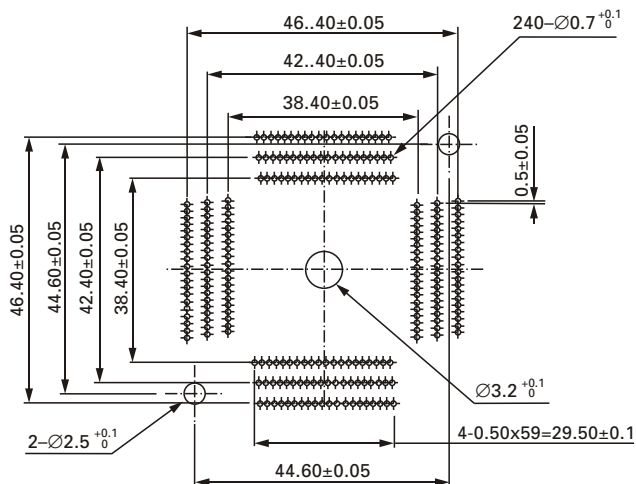
256 pins

IC201-2564-002-2



240 pins

IC217-2404-007



304 pins

IC201-3044-004

