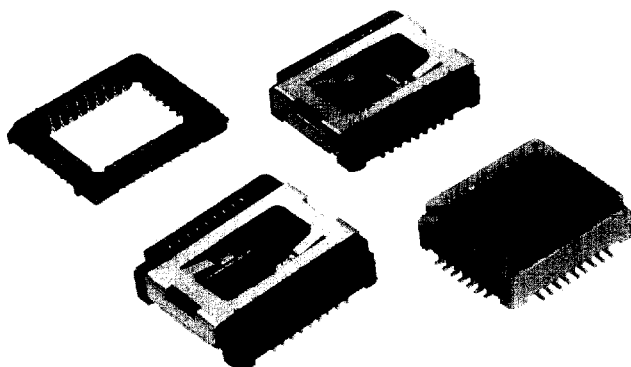


IC 61 SERIES LCC(1.27mm pitch)



FEATURES

- Low profile (package height 2.6 to 5mm) and compact design for high-density mounting.
- Designed for automated mounting.

SPECIFICATIONS

PERFORMANCE

Insulation Resistance	1,000M Ω min. at 500VDC
Dielectric Withstanding Voltage	700VAC rms for 1 minute
Contact Resistance	30m Ω max. at 10mA
Current Rating	1A (0.5A for IC61-0324-061)
Operating Temperature Range	-55°C to +170°C (-55°C to +85°C for IC61-0324-061)

MATERIAL AND FINISH

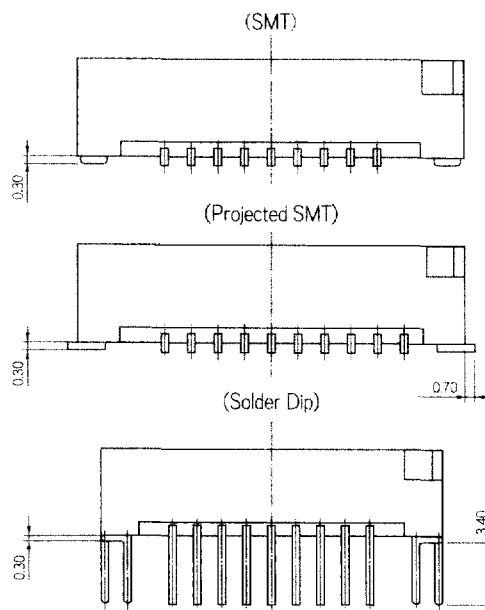
Housing	PPS (glass-filled), UL94V-0 rated
Contacts	Copper alloy, gold plating over nickel

ORDERING CODE

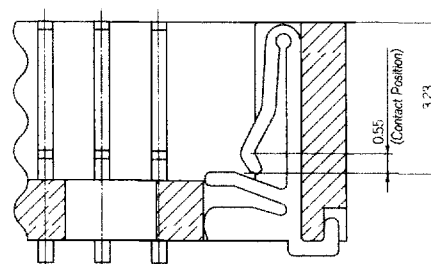
IC61—0324—050

IC61 series	Design number (for internal use only)	Number of leads
-------------	---------------------------------------	-----------------

●Terminal Type



●Detail of Contact



Part No.	No. of Leads	Terminal Type	Dimensions (mm) (maximum)			Applicable IC Dimensions	Reference	Features	Standard Packing	Minimum Order Size
			Height	Depth	Width					
IC61—0324—045	32	Projected SMT	5.00	19.72	17.18	LCC—1		Solder exposed for easy inspection and repair	Tray	55
IC61—0324—047—B	32	Projected SMT	5.00	19.52	16.98	LCC—1	Unused	Solder exposed for easy inspection and repair	Tray	55
IC61—0324—050	32	SMT	5.00	18.12	15.58	LCC—2	Unused		Tray	55
IC61—0324—059—1N	32	SMT	5.00	19.72	15.58	LCC—2	Possible		Tray	55
IC61—0324—063—1B	32	Solder dip	5.00	19.72	15.58	LCC—1	Possible			
IC61—0324—066—B	32	Solder dip	5.00	18.12	15.58	LCC—1	Unused			
IC61—032—075—01	32	SMT	2.60	19.72	16.08	LCC—3	Possible	Low shoulder	Tray	55
IC61—0364—055—1N	36	SMT	5.00	19.72	18.12	LCC—4	Possible		Tray	50
IC61—036—076—00	36	SMT	2.60	19.72	18.72	LCC—4	Possible	Low shoulder	Tray	45
IC61—0444—040	44	Solder dip	5.60	22.00	22.00	LCC—5	Used			
IC61—044—077	44	SMT	5.60	22.00	22.00	LCC—5	Used		Tray	45

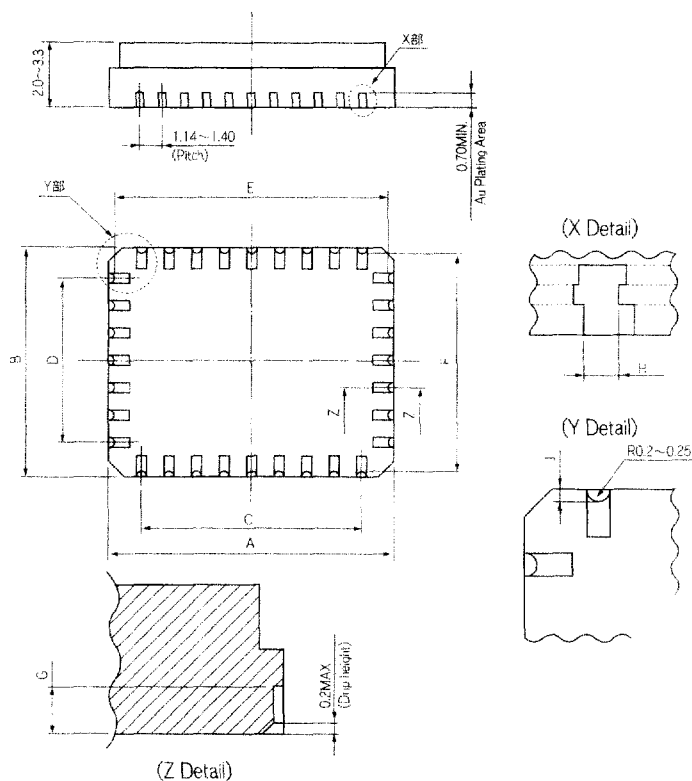
* 48- to 160-lead types also available

Unit = mm

IC 61 SERIES

LCC(1.27mm pitch)

■Applicable IC Dimensions (Reference Only)



	LCC-1	LCC-2	LCC-3	LCC-4	LCC-5
A	13.72 to 14.22	13.72 to 14.22	13.72 to 14.17	13.72 to 14.22	16.32 to 16.87
B	11.23 to 11.68	11.23 to 11.68	11.23 to 11.63	13.72 to 14.22	16.32 to 16.87
C	9.96 to 10.36	9.96 to 10.36	9.96 to 10.36	9.96 to 10.36	12.45 to 12.95
D	7.42 to 7.82	7.42 to 7.82	7.42 to 7.82	9.96 to 10.36	12.45 to 12.95
E			13.02 to 13.87		
F			10.53 to 11.33		
G	0.95MIN	0.81MIN	0.90MIN	0.81MIN	0.95MIN
H	0.31MIN	0.31MIN	0.30MIN	0.31MIN	0.31MIN
J	0.1 to 0.2	0.15 to 0.23	0.15 to 0.35	0.15 to 0.23	0.1 to 0.2

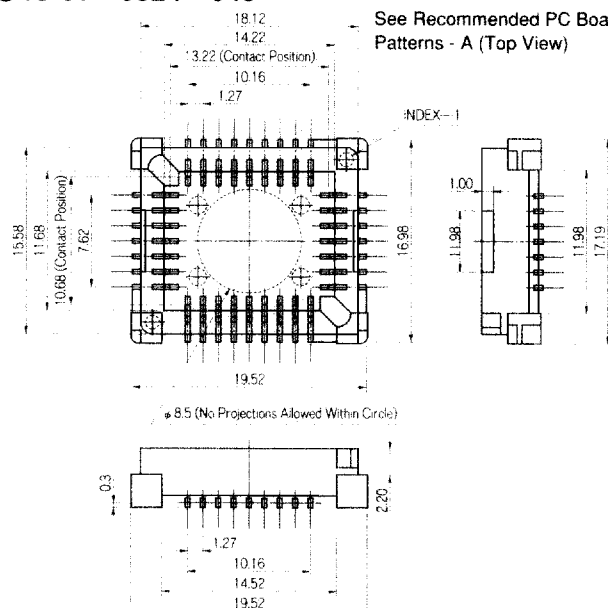
Unit = mm

IC 61 SERIES

LCC(1.27mm pitch)

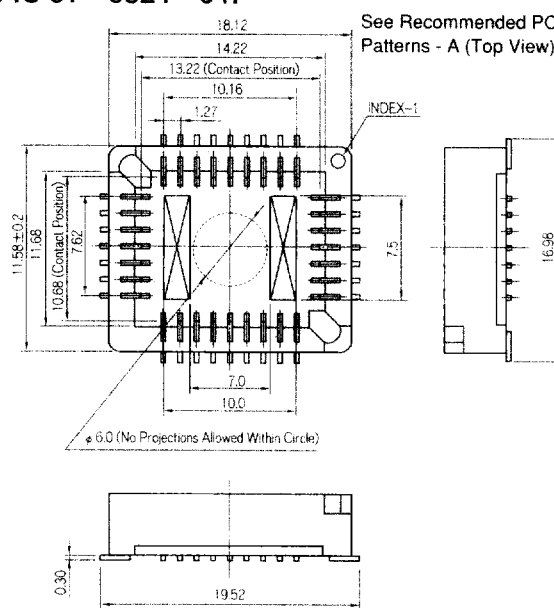
● IC 61—0324—045

See Recommended PC Board Patterns - A (Top View)



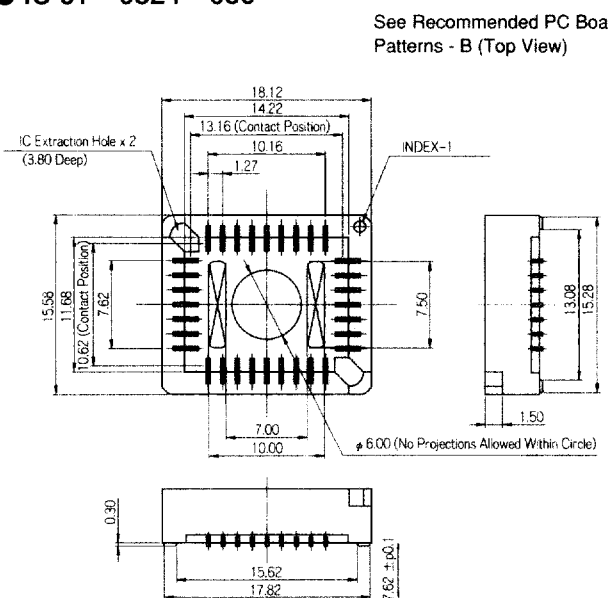
● IC 61—0324—047

See Recommended PC Board Patterns - A (Top View)



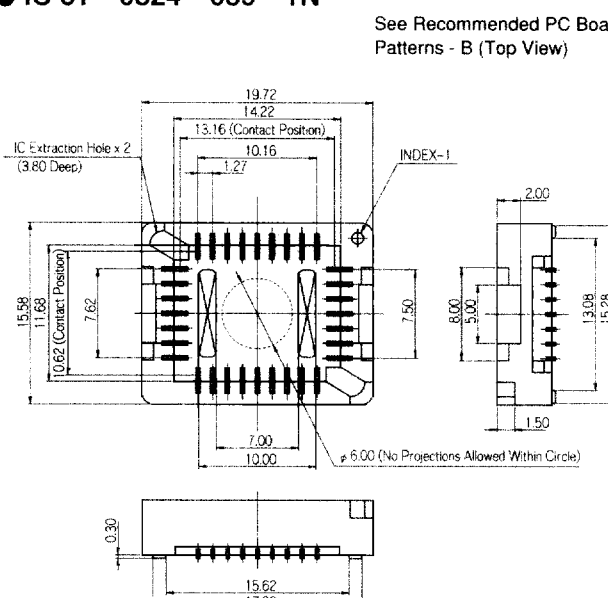
● IC 61—0324—050

See Recommended PC Board Patterns - B (Top View)

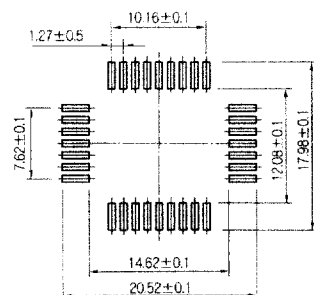


● IC 61—0324—059—1N

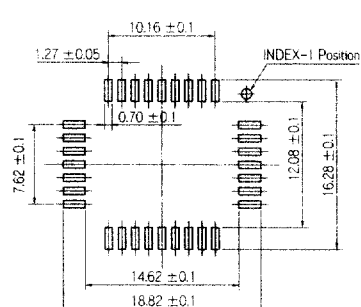
See Recommended PC Board Patterns - B (Top View)



● Recommended PC Board Patterns A (TOP VIEW)



● Recommended PC Board Patterns B (TOP VIEW)

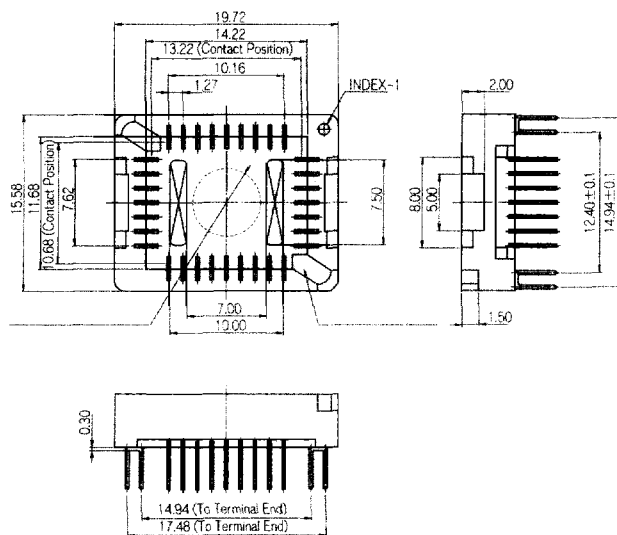


IC 61 SERIES

LCC(1.27mm pitch)

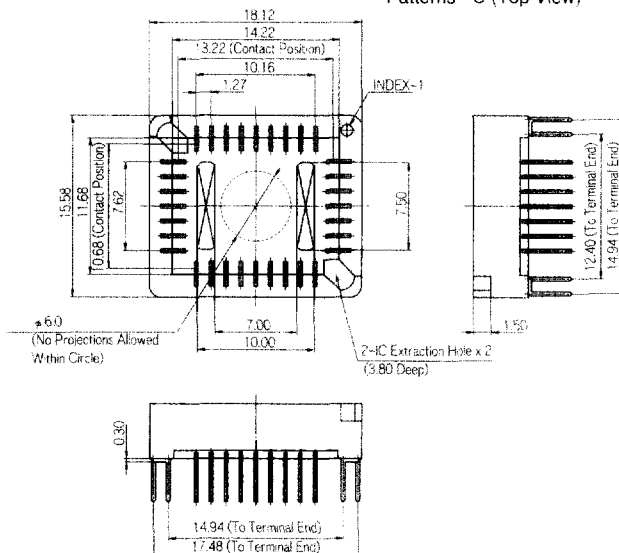
● IC 61—0324—063—1B

See Recommended PC Board Patterns - C (Top View)



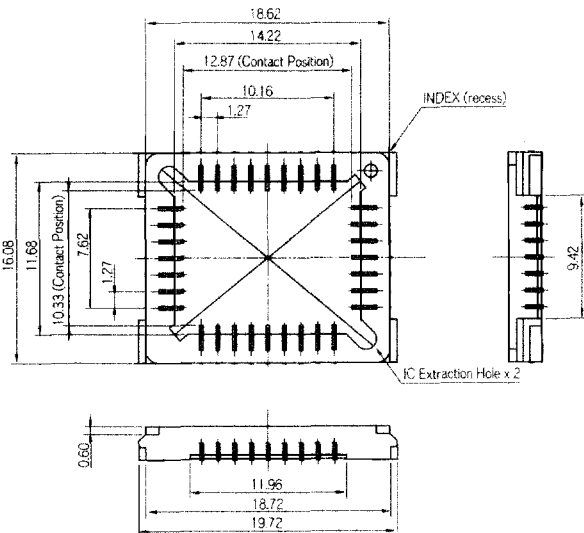
● IC 61—0324—066—B

See Recommended PC Board Patterns - C (Top View)



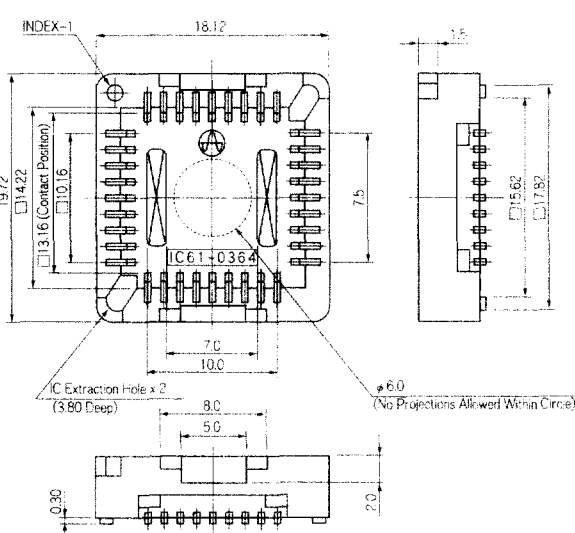
● IC 61—032—075—01

See Recommended PC Board Patterns - D (Top View)

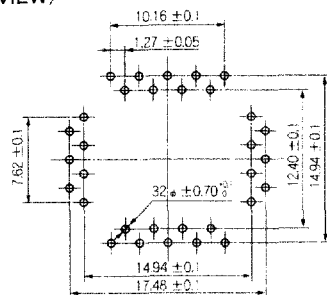


● IC 61—0364—055—1N

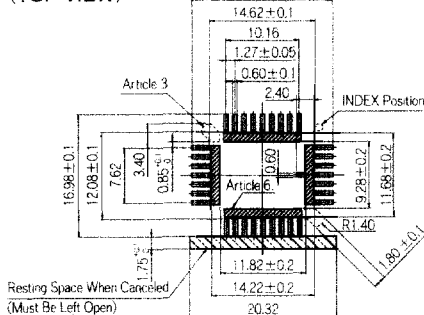
See Recommended PC Board Patterns - E (Top View)



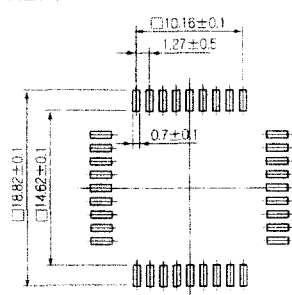
● Recommended PC Board Patterns C (TOP VIEW)



● Recommended PC Board Patterns D (TOP VIEW)

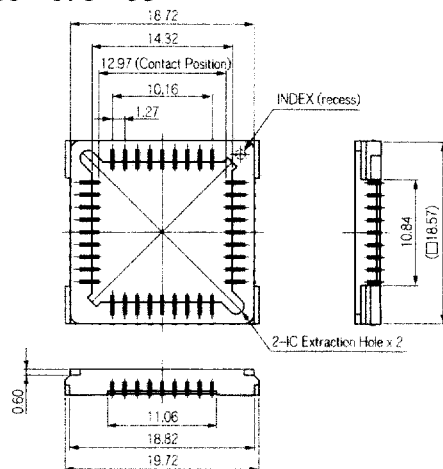


● Recommended PC Board Patterns E (TOP VIEW)

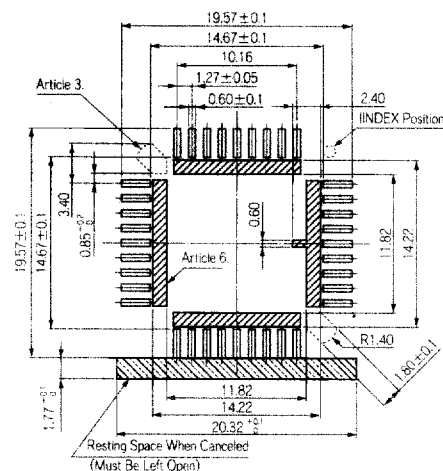


LCC(1.27mm pitch)

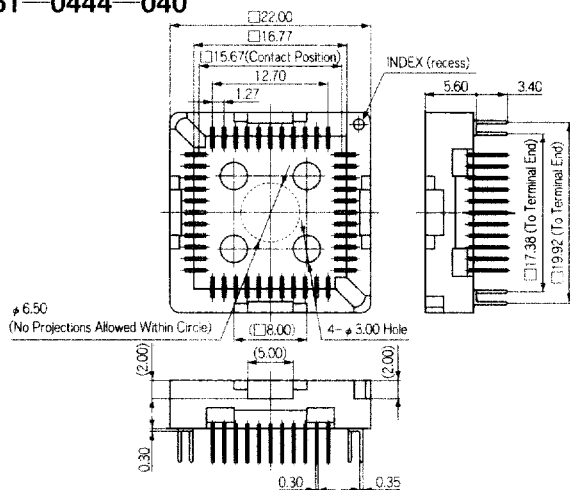
● IC 61—036—076—00



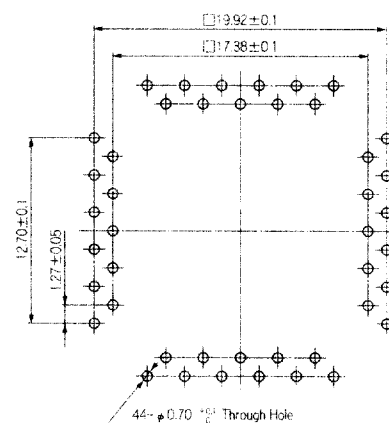
●Recommended PC Board Patterns (TOP VIEW)



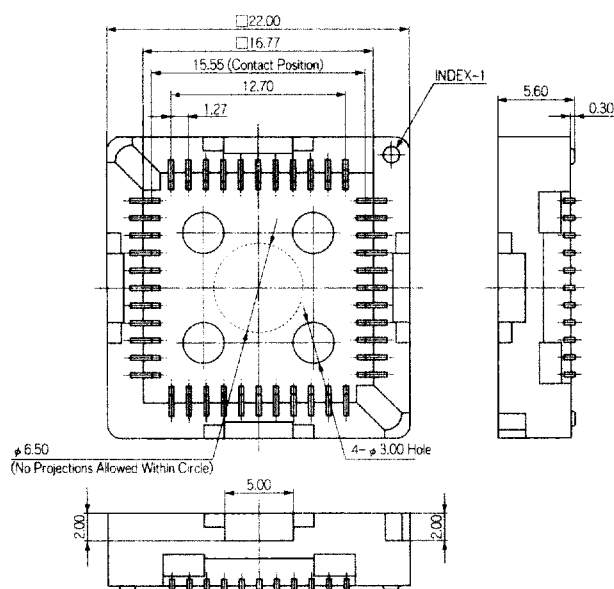
● IC 61—0444—040



●Recommended PC Board Patterns (TOP VIEW)



● IC 61—044—077



●Recommended PC Board Patterns (TOP VIEW)

