

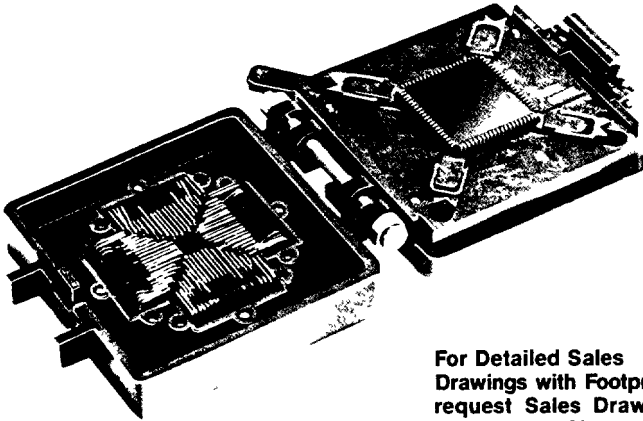
UNIVERSAL PLCC ZIF TEST SOCKET

P O Box 130, Frenchtown, NJ 08825
Phone 1-908-996-6841
FAX 1-908-996-3891



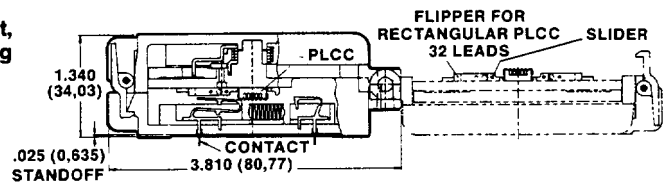
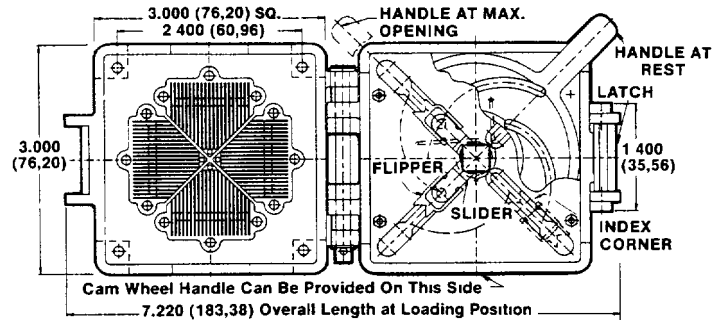
This Universal PLCC ZIF Test Socket will take all seven sizes of PLCC footprints. The PLCC is placed in the top half of the clamshell "dead bug" (pins up) fashion. Even the rectangular 32 pin PLCC is accepted by using the unique flippers

on the "X" axis PLCC holder. The lid is closed and the PLCC mates with the contact bed. The gold plated contacts of the bed end up as solder tail pins on the bottom so that the Universal PLCC ZIF Test Socket can be mounted to a pc board or into a PGA socket.



UNIVERSAL PLCC ZIF TEST SOCKET "Dead Bug" (Pins Up) Style Part No. 84-537-11

For Detailed Sales Drawings with Footprint, request Sales Drawing AS1108819, Sheets 1 and 2.

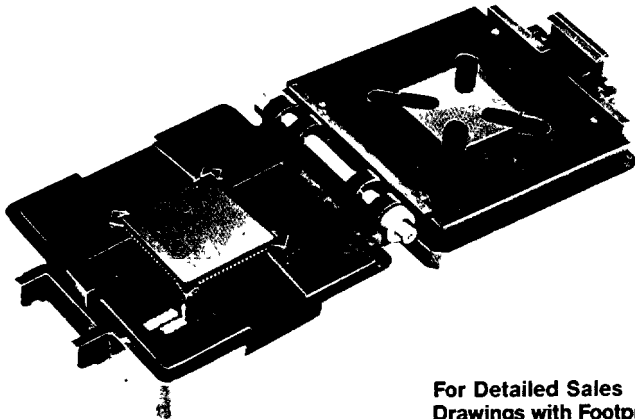


SPECIFICATIONS:

Contacts: Beryllium Copper 30μ Gold over 50μ Nickel
Body: Glass filled thermoplastic UL94VO rated
Fasteners: Spring, Hinge Pin, Stainless Steel
Temperature Range: -85°C to +125°C
Life Cycle: 25,000 insertions

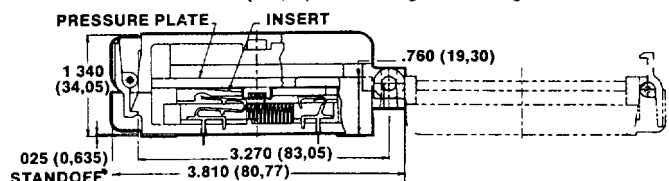
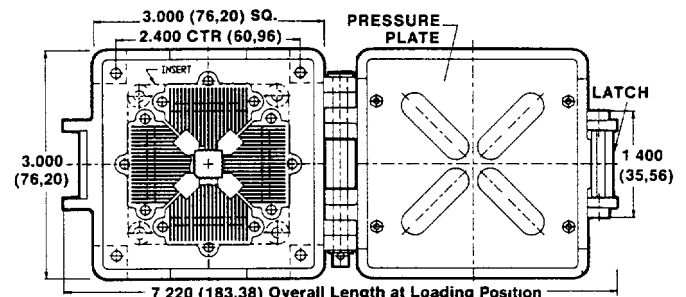
Seven separate inserts are used to hold each of the seven different sizes of PLCC footprints. The PLCC is inserted "live bug" (pins down) into the position over the bed and the top half of the clamshell is closed for testing and/or programming, etc. operations. The solder tail pins on the bottom are the ends of the contacts or "bed", thus permitting mounting to a pc board or PGA socket.

- 84-537-20 = The 84 position insert for 84-537-21
- 68-537-20 = The 68 position insert for 84-537-21
- 52-537-20 = The 52 position insert for 84-537-21
- 44-537-20 = The 44 position insert for 84-537-21
- 32-537-20 = The 32 position insert for 84-537-21
- 28-537-20 = The 28 position insert for 84-537-21
- 20-537-20 = The 20 position insert for 84-537-21



UNIVERSAL PLCC ZIF TEST SOCKET "Live Bug" (Pins Down) Type Part No. 84-537-21

For Detailed Sales Drawings with Footprint, request Sales Drawing AS1108820, Sheets 1 and 2.



Aries part number 84-637-10 is a gold collet/tin shell solder tail adaptor socket, that is usable with either version of the Universal PLCC ZIF. Consult factory for details.

Unit 3, Furtho Court,
Towcester Road, Old Stratford,
Milton Keynes MK19 6AQ
Tel 0908 260007 Fax 0908 260008

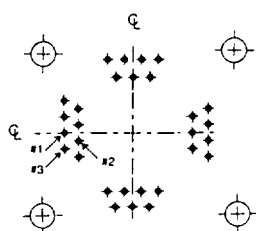


FEATURES:

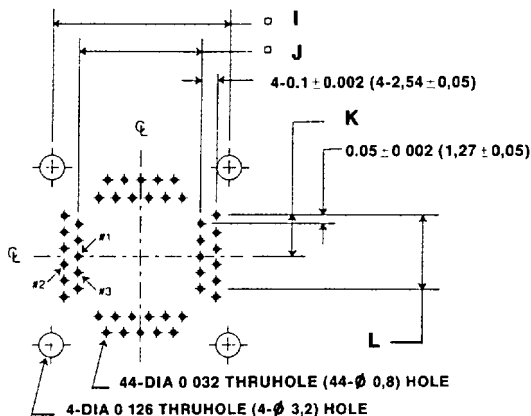
- Zero Insertion Force
- Auto pick and place capability
- Corner posts provide positive package registration
- 30μ" Gold plating available
- 10,000 insertions min.

APPLICATION:

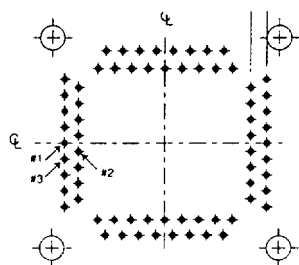
- JEDEC MO-047AC Plastic Chip carrier
- Can be shimmed to accept many Ceramic, Leadless and J-Bend Packages



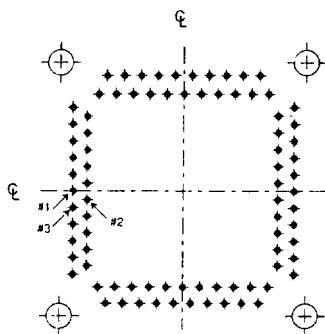
28 Pin



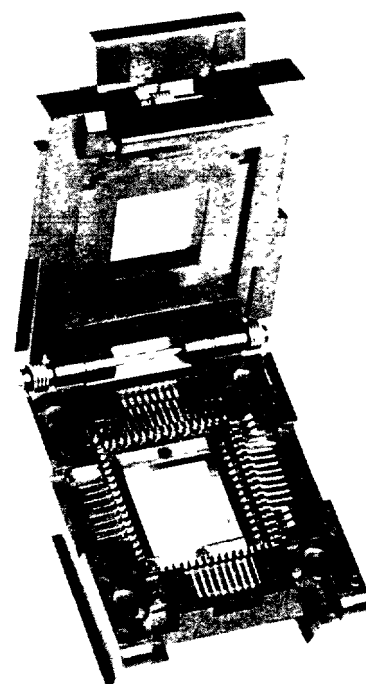
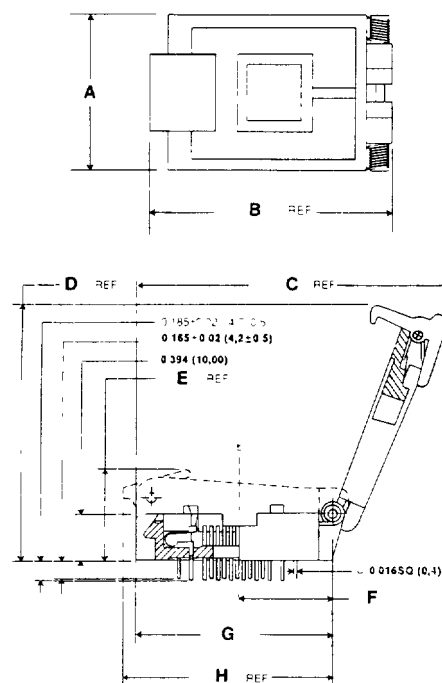
44 Pin



68 Pin



84 Pin



PINS	A	B	C	D	E	F	G	H	I	J	K	L
28	1.181 (30,00)	1.605 (40,77)	2.207 (56,06)	1.760 (44,70)	0.787 (20,0)	0.690 (17,53)	1.425 (36,20)	1.520 (38,6)	.910 (23,11)	0.457 (11,6)	0.150 (3,81)	0.300 (7,62)
44	1.339 (34,00)	1.772 (45,00)	2.400 (61,00)	1.940 (49,30)	0.787 (20,00)	0.787 (20,00)	1.575 (40,00)	1.673 (42,50)	0.984 (25,00)	0.661 (16,80)	0.250 (6,35)	0.500 (12,70)
68	1.654 (42,00)	2.343 (59,50)	3.050 (77,40)	2.400 (61,00)	0.926 (23,50)	0.906 (23,00)	1.929 (49,00)	2.244 (57,00)	1.260 (32,00)	0.961 (24,40)	0.400 (10,16)	0.800 (20,32)
84	1.890 (48,00)	2.580 (65,50)	3.360 (85,40)	2.630 (66,80)	0.926 (23,50)	1.063 (27,00)	2.165 (55,00)	2.480 (63,00)	1.496 (38,00)	1.157 (29,40)	0.500 (12,70)	1.000 (25,40)

SPECIFICATIONS:

Materials

Insulator Material: Glass filled Polyethersulphone, UL94V-O
Contact Material: Beryllium Copper
Contact Finish: 12μ" Gold over 100μ" Nickel
Operating Temp: -55°C ~ +170°C

Electrical Performance

Contact Resistance: 30Ω max initial
Insulation Resistance: 1000MΩ. min
Dielectric Strength: 700 VAC continuous for 1 minute
Inductance (Self): 8.9 nH max at 10 MHz

HOW TO ORDER

XX - 536 - 1 1
No. of Pins
Series
Gold Plated Only
Solder Tail Only

**PLCC BURN-IN
TEST ZIF SOCKETS**
28, 44, 68 and 84 Pin Solder Tail Only