

SURFBOARDS®



THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™

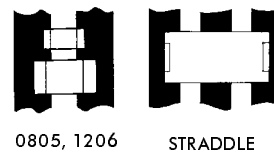
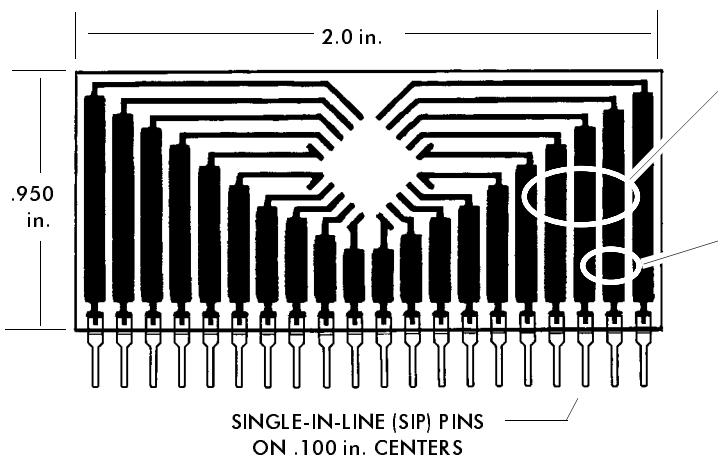
9000 SERIES FOR I.C.s

IDS9301A 3-9-99

MODEL **9301**

ACCEPTS 20 PIN PLCC

BUILD *PLUG-IN* TEST CIRCUITS AND MODULES

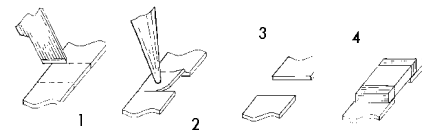


I.C. pins fan out to peripheral part mounting areas capable of accepting several surface mount devices

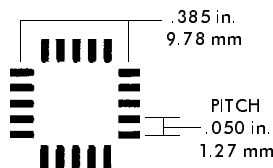
FOIL MODIFICATIONS EXPAND VERSATILITY

Typical of many Surfboards are large pad areas which may be modified to create additional part mounting zones or expand layout or connection options.

- 1: Score foil with sharp razor to define new zone.
- 2: Apply heat with iron to delaminate foil section.
- 3: New mounting zone has been created.
- 4: Solder component to new mounting zone.

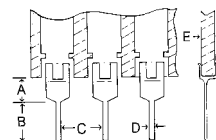


I.C. FOOTPRINT
ACCEPTS INDUSTRY STANDARD
20 PIN PLCC



The 9301 provides direct pin out for industry standard 20 pin PLCC devices. If desired 2 terminal surface mount packages 0805, and 1206 may be mounted across lines. Large foil area permit space for foil modifications to create new part zones (see right) or reconfigure board. Add jumpers as needed to complete circuit. Assembly can then be plugged into solderless breadboards and sockets, or may be soldered to conventional breadboards.

PIN SPECIFICATIONS / TOLERANCES



In Inches	
A=	.062 ± .006
B=	.130 ± .010
C=	.100 ± .005
D=	.020 ± .004
E=	.031 ± .005

BOARD SPECIFICATIONS

BOARD MATERIAL: .031±.005 In. Thick G-10 FR-4 Glass Epoxy or equivalent.

CIRCUITS: 1 oz Copper with solder coated pads.

TOLERANCES: Given in inches

Board Size ± .020 / OAL ± .040

Circuit pattern/position ± .005

JUST ADD PARTS AND PLUG IN (TM)

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CAPITAL ADVANCED TECHNOLOGIES, INC.

CAROL STREAM, ILLINOIS. USA.

PHONE 630-690-1696 WWW.CapitalAdvanced.Com FAX-ON-DEMAND 630-690-2865