# **SURFBOARDS** ®



THE BREADBOARDING MEDIUM FOR SURFACE MOUNT SM

LDS6000A 3-9-99

## 6000 SERIES FOR DISCRETE COMPONENTS

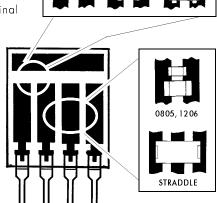
# MODELS 6004, 6006, 6007, 6008, 6010, 6012

### BASIC DESIGN FITS MANY APPLICATIONS

Build simple networks and arrays to functional circuit elements. Horizontal and vertical circuit foils create universal pads that can accept a wide range of two and three terminal surface mount devices.

surface mount devices.

SOT-23 Transistor and Diode
packages as well as 3mm
and 4mm trimmers can be
mounted. 0805, 1206, A size
tantalums, Mini-Melf, and
other 2 terminal devices can
be mounted. Circuit Foil
modifications (see right)
enhance circuit layout options.
Single-In-Line (SIP) pins
on .100 in. centers provide
compatibility with standard
and solderless breadboards
and sockets.

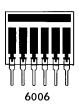


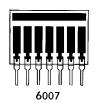
SIP PINS ON . 100 in. Centers

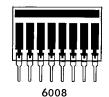
# STANDARD MODELS

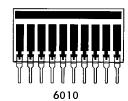
SEE TABLE

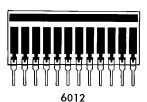












CUSTOM VARIATIONS AVAILABLE ON A SPECIAL ORDER BASIS

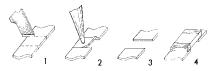
#### STANDARD MODEL SPECIFICATIONS

MODEL	<b>W</b> (in.)	H (in.)	NO. PINS
6004	.400	.500	4
6006	.600	.500	6
6007	.700	.500	7
6008	.800	.500	8
6010	1.0	.500	10
6012	1.20	.500	12

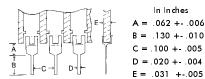
#### FOIL MODIFICATIONS EXPAND VERSATILITY

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

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



#### PIN SPECIFICATIONS / TOLERANCES



#### BOARD SPECIFICATIONS

BOARD MATERIAL:

.031 + - .005 In. Thick FR-4 Glass Epoxy or equivalent

CIRCUITS: 1

1 Oz Copper with solder coated pads.

TOLERANCES: Given

Given in inches

Board Size +- .020 / OAL+-.040 Circuit pattern/position +-.005

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