

# SURFBOARDS®



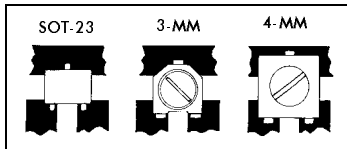
THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™

LDS6800A 3-9-99

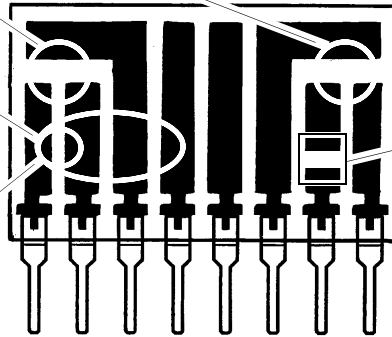
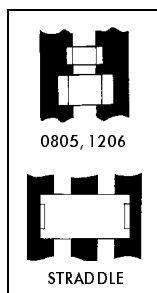
## 6000 SERIES FOR DISCRETE COMPONENTS

### MODELS 6808 AND 6818

#### SUPPORT HIGHER DENSITY APPLICATIONS



The 6808 provides two 3-terminal component mounting zones, and multiple 2-terminal zones. The use of jumpers and foil modifications make more sophisticated prototype circuit modules possible. The 6818 repeats the pattern for double the mounting zones and possible circuit density.

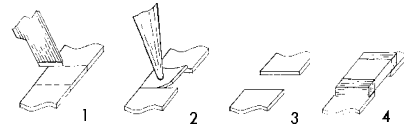


#### JUST ADD PARTS AND PLUG-IN™

##### 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.

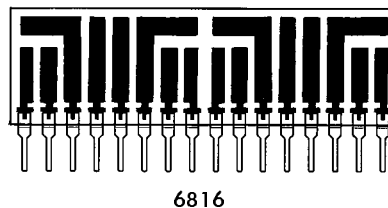
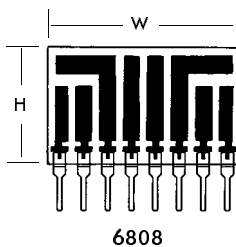
- 1: Score foil with sharp razor to define new zone.
- 2: Apply heat with iron to delaminate foil section.
- 3: New mounting zone has been created.
- 4: Solder component to new mounting zone.



SIP PINS ON .100 in. Centers

#### STANDARD MODELS

MODEL	W (in.)	H (in.)	NO. PINS
6808	.800	.500	8
6818	1.60	.500	16

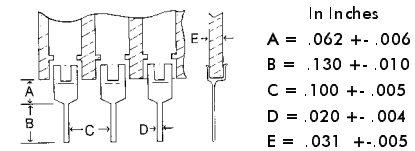


6808

6818

CUSTOM VARIATIONS AVAILABLE ON A SPECIAL ORDER BASIS

#### 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 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

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