

# SURFBOARDS®



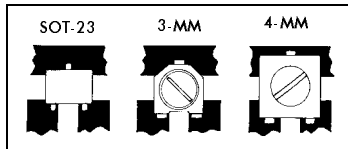
THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™

LDS6800A 3-9-99

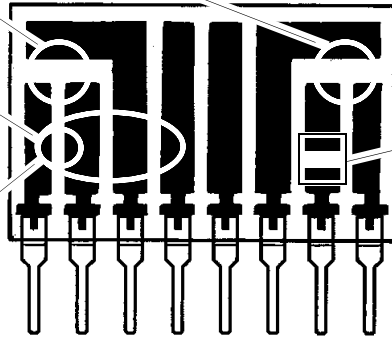
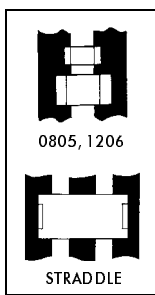
## 6000 SERIES FOR DISCRETE COMPONENTS

### 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.



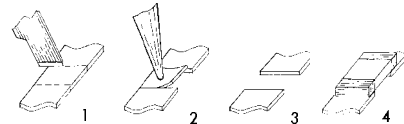
SIP PINS ON .100 in. Centers

#### JUST ADD PARTS AND PLUG-IN™

##### FOIL MODIFICATIONS EXPAND VERSATILITY

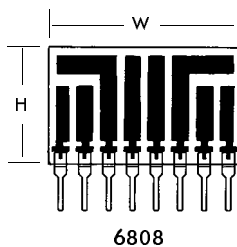
Typical of many Surfboards are large pad areas which which may be modified to create additional part mounting zones or expand layout options.

- 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.

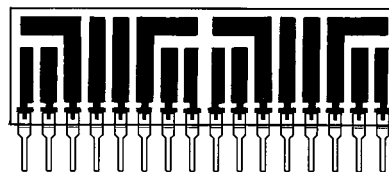


#### STANDARD MODELS

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



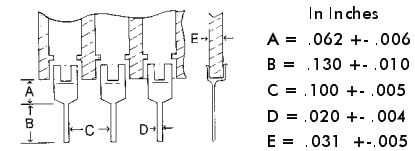
6808



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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### CAPITAL ADVANCED TECHNOLOGIES, INC.

CAROL STREAM, ILLINOIS, USA.

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