



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# SURFBOARDS®



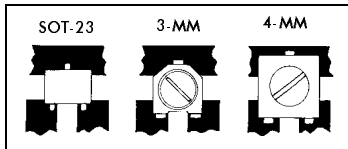
THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™

LDS6800A 3-9-99

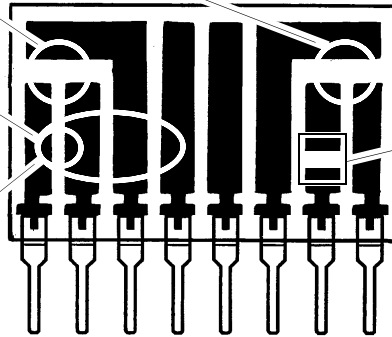
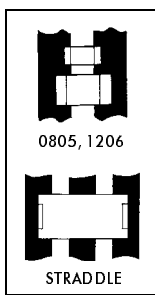
## 6000 SERIES FOR DISCRETE COMPONENTS

### MODELS 6808 AND 6816

#### 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 6816 repeats the pattern for double the mounting zones and possible circuit density.

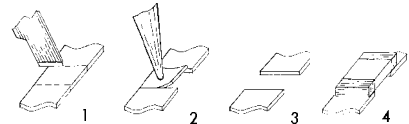


#### JUST ADD PARTS AND PLUG-IN™

##### 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.

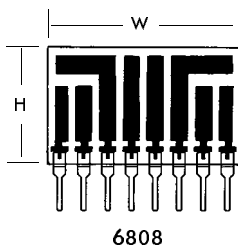
- 1: Score foil with sharp razor to define new zone.
- 2: Apply heat with iron to delaminate foil section.
- 3: New mounting zone has been created.
- 4: Solder component to new mounting zone.



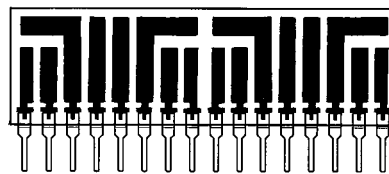
SIP PINS ON .100 in. Centers

#### STANDARD MODELS

MODEL	W (in.)	H (in.)	NO. PINS
6808	.800	.500	8
6816	1.60	.500	16

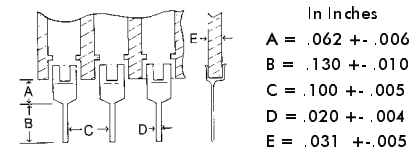


6808



6816

#### 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

CUSTOM VARIATIONS AVAILABLE ON A SPECIAL ORDER BASIS

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