

# SURFBOARDS®



THE BREADBOARDING MEDIUM FOR SURFACE MOUNT SM

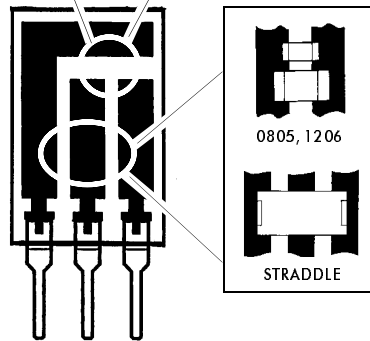
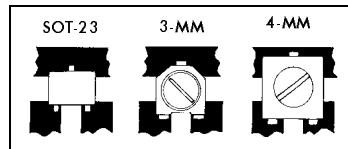
LDS6100A 3-9-99

## 6000 SERIES FOR DISCRETE COMPONENTS

### MODELS 6103, 6106, 6109, 6112, 6115

BASIC DESIGN SUPPORTS A VARIETY OF APPLICATIONS

Build surface mount networks and functional circuit elements. Basic pattern provides universal mounting zone for a range of 3 terminal devices including SOT-23 and 3-4mm Trimmers. Additional 2 terminal devices including 0805, 1206, A-Tantalum, Mini-Melf, and others may be mounted. Circuit configuration supports most transistor applications. Minor foil modifications create additional footprint for bias resistors. Use a model 6103 to build simple filters or transistor / passive combinations. Use larger models for more complex circuits or multiple arrays.



SIP PINS ON .100 in. Centers

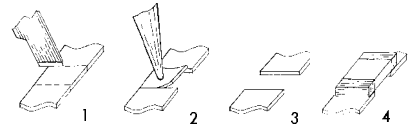
STANDARD MODEL SPECIFICATION TABLE

MODEL	W (in.)	H (in.)	NO. PINS
6103	.300	.500	3
6106	.600	.500	6
6109	.900	.500	9
6112	1.200	.500	12
6115	1.5	.500	15

#### FOIL MODIFICATIONS EXPAND VERSATILITY

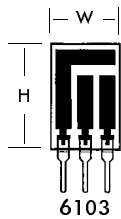
Typical of many Surfboards are large pad areas which which may be modified to create additional part mounting zones or expand layout options.

- 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.

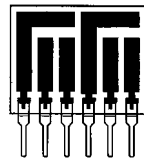


STANDARD MODELS

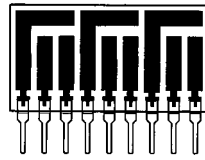
SEE TABLE



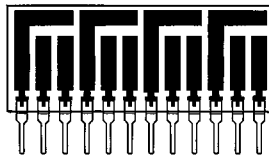
6103



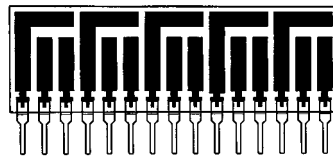
6106



6109



6112



6115

#### PIN SPECIFICATIONS / TOLERANCES

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

#### BOARD SPECIFICATIONS

BOARD MATERIAL: .031 ± .005 In. Thick 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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