

# SURFBOARDS®



THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™

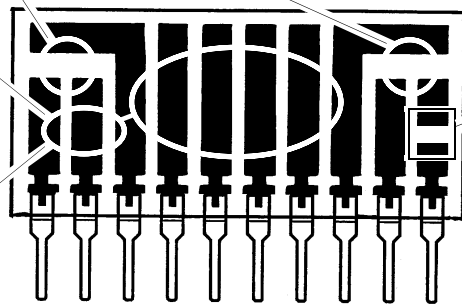
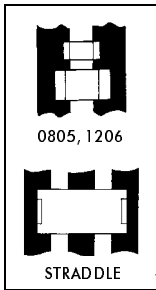
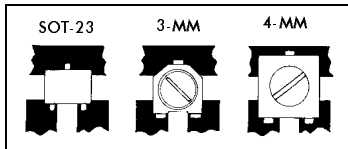
LDS6500A 3-9-99

## 6000 SERIES FOR DISCRETE COMPONENTS

### MODELS 6510 AND 6520

#### FOR MORE COMPLEX CIRCUIT APPLICATIONS

The 6510 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 6520 repeats the pattern for double the mounting zones and possible circuit density. The 6520 is the largest standard model in the 6000 series

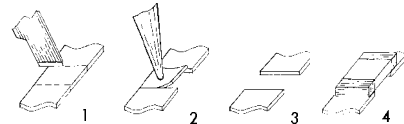


#### JUST ADD PARTS AND PLUG-IN™

##### 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.

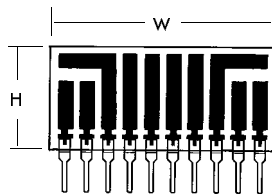
- 1: Score foil with sharp razor to define new zone.
- 2: Apply heat with iron to delaminate foil section.
- 3: New mounting zone has been created.
- 4: Solder component to new mounting zone.



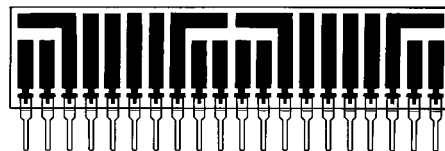
SIP PINS ON .100 in. Centers

#### STANDARD MODELS

MODEL	W (in.)	H (in.)	NO. PINS
6510	1.0	.500	10
6520	2.0	.500	20



6510



6520

#### 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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