

SURFBOARDS®

THE BREADBOARDING MEDIUM FOR SURFACE MOUNT SM



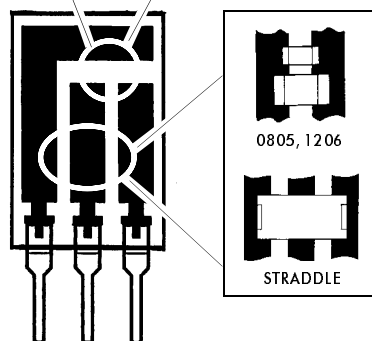
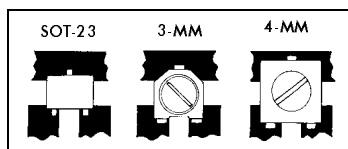
LDS6100A 3-9-99

6000 SERIES FOR DISCRETE COMPONENTS

MODELS 6103, 6106, 6109, 6112, 6115

BASIC DESIGN SUPPORTS A VARIETY OF APPLICATIONS

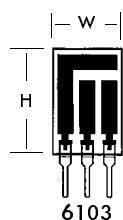
Build surface mount networks and functional circuit elements. Basic pattern provides universal mounting zone for a range of 3 terminal devices including SOT-23 and 3-4mm Trimmers. Additional 2 terminal devices including 0805, 1206, A-Tantalum, Mini-Melf, and others may be mounted. Circuit configuration 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.



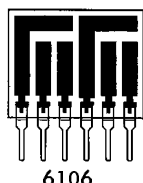
SIP PINS ON .100 in. Centers

STANDARD
MODELS

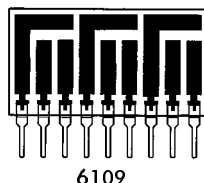
SEE TABLE



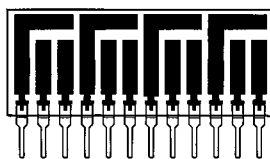
6103



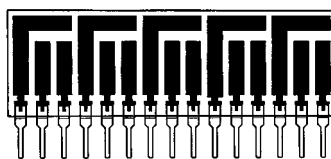
6106



6109



6112



6115

CUSTOM VARIATIONS AVAILABLE ON A SPECIAL ORDER BASIS

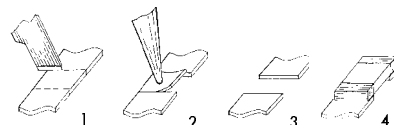
STANDARD MODEL SPECIFICATION TABLE

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.



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 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

PATENT PENDING. Copyright 1997, 1999 by Capital Advanced Technologies, Inc. All rights reserved. Surfboards Are a registered trademark of Capital Advanced technologies, Inc. All other trademarks or registered trademarks are property of their respective owners. Availability, specifications, and prices are subject to change without notice. All information given is believed to be accurate but is not guaranteed. The user of information given or products represented by such information is responsible for determining the suitability of said information or products for a given purpose.

CAPITAL ADVANCED TECHNOLOGIES, INC.

CAROL STREAM, ILLINOIS. USA

PHONE 630-690-1696

WWW.CapitalAdvanced.Com

FAX-ON-DEMAND 630-690-2865