

# SURFBOARDS®

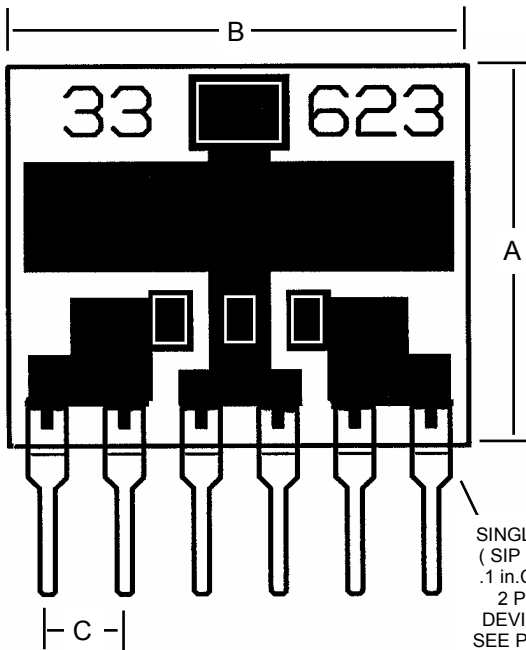


THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™

## 33000 SERIES APPLICATION SPECIFIC ADAPTERS

**IDS33623**  
REV 1-2012

### MODEL 33623



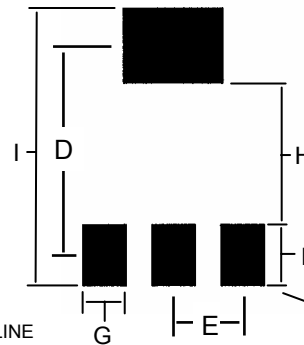
SINGLE-IN-LINE (SIP) PINS ON .1 in. CENTERS. 2 PINS PER DEVICE LEAD. SEE PIN SPECS.

### SOT-223 SC-73

#### FOR HIGHER CURRENT APPLICATIONS

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

SAME DEVICE FOOTPRINT AS MODEL 33223 EXCEPT WITH 2 OUTPUT PINS PER DEVICE LEAD FOR HIGHER CURRENT.

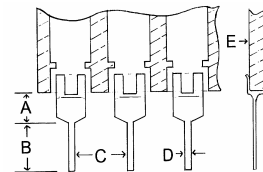


**NOTE:** CIRCUIT TRACE FOILS AND OUTPUT PINS MAY NOT BE SUITABLE FOR DEVICE OPERATION AT HIGHEST RATED CURRENT LEVELS. EXTREME TEMPERATURE RISE MAY RESULT IN FAILURE.

DEVICE FOOTPRINT

FIG.	INCHES	MM	NOTE:
A	.500	12.70	BOARD HEIGHT +/- .5mm .020in.
B	.600	15.24	BOARD WIDTH +/- .5mm .020in.
C	.100	2.54	SIP PIN SPACE +/- .20mm .008in.
D	.275	6.98	PAD CENTERLINE
E	.090	2.28	DEVICE LEAD PITCH
F	.080	2.03	PAD LENGTH
G	.055	1.39	PAD WIDTH
H	.185	4.69	GAP
I	.365	9.27	MAX PIN WIDTH

#### PIN SPECIFICATIONS / TOLERANCES



In Inches  
 A = .062 +/- .006  
 B = .130 +/- .010  
 C = .100 +/- .005  
 D = .020 +/- .004  
 E = .031 +/- .005



#### BOARD SPECIFICATIONS

**BOARD MATERIAL:** .8mm, +/- .13mm .031in+-.005 in. Thick G-10 FR-4 Glass Epoxy or equivalent.

**CIRCUITS:** 1 oz. Copper with RoHS compliant Lead Free solder coating. Patten Position on board +/- .5mm .020in.

**TOLERANCES:** If not noted are +/- 20%. Nominal values are given. Controlling unit is Millimeters. Values rounded to nearest decimal. Slight Variations due to manufacturing process can occur.

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