

SURFBOARDS®



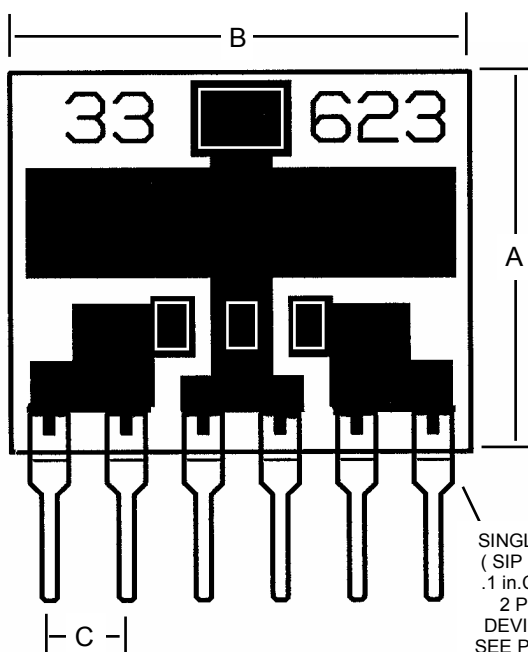
THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT**™

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.

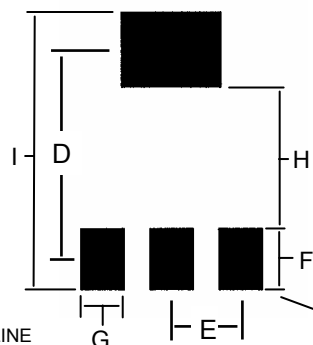
FIG.	INCHES	MM	NOTE:
A	.500	12.70	BOARD HEIGHT $\pm .5\text{mm}$.020in.
B	.600	15.24	BOARD WIDTH $\pm .5\text{mm}$.020in.
C	.100	2.54	SIP PIN SPACE $\pm .20\text{mm}$.008in.
D	.275	6.98	PAD CENTERLINE
E	.090	2.28	DEVICE LEAD PITCH
F	.080	2.03	PAD LENGTH
G	.055	1.39	PAD WIDTH
H	.185	4.69	GAP
I	.365	9.27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

**SOT-223
SC-73**

FOR HIGHER CURRENT APPLICATIONS

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

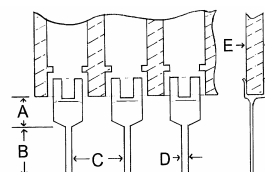
SAME DEVICE FOOTPRINT AS MODEL
33223 EXCEPT WITH 2 OUTPUT PINS PER
DEVICE LEAD FOR HIGHER CURRENT.



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

PIN SPECIFICATIONS / TOLERANCES



In Inches

A = .062 $\pm$.006

B = .130 $\pm$.010

C = .100 $\pm$.005

D = .020 $\pm$.004

E = .031 $\pm$.005



BOARD SPECIFICATIONS

BOARD MATERIAL: .8mm, $\pm .13\text{mm}$.031in $\pm$.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 $\pm$
.5mm .020in.

TOLERANCES: If not noted are $\pm$ 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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