

# SURFBOARDS®



THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT™**

## 33000 SERIES APPLICATION SPECIFIC ADAPTERS

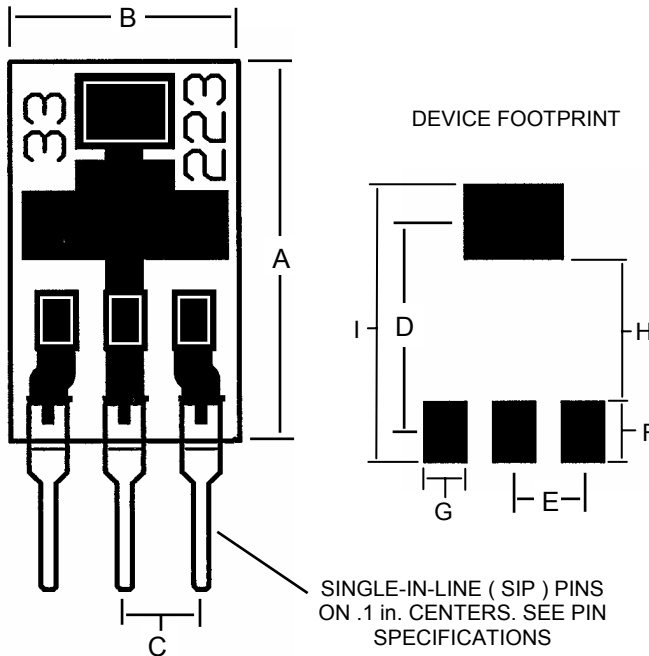
**IDS33223**

REV 1-2012

# MODEL 33223

## FOR SOT-223 SC-73

SURFACE MOUNT DEVICES



SINGLE-IN-LINE (SIP) PINS ON .1 in. CENTERS. SEE PIN SPECIFICATIONS

**PINS ON .100 in. CENTERS OFFER COMPATIBILITY WITH BREADBOARDS AND SOCKETS.**

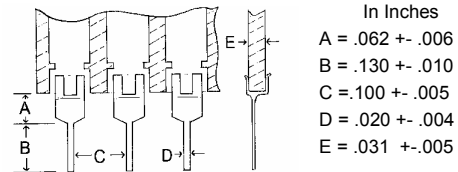
FOR PROTOTYPING, DEVICE EVALUATION OR TEST, OR SMD TO THROUGH HOLE CONVERSION.

**NOTE:** CIRCUIT TRACE FOILS AND OUTPUT PINS MAY NOT BE SUITABLE FOR OPERATION AT HIGHER CURRENT LEVELS. EXTREME TEMPERATURE RISE MAY RESULT IN BOARD OR PIN FAILURE.

SEE MODEL 33623 FOR HIGHER CURRENT APPLICATIONS USING SOT-223 DEVICES

FIG.	INCHES	MM	NOTE:
A	.500	12.70	BOARD HEIGHT +/- .5mm .020in.
B	.300	7.62	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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