

# SURFBOARDS®



THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT**™

## 33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33010

REV 1-2012

MODEL **33010**

10 LEAD .5 MM PITCH DEVICES

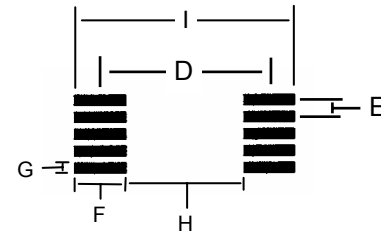
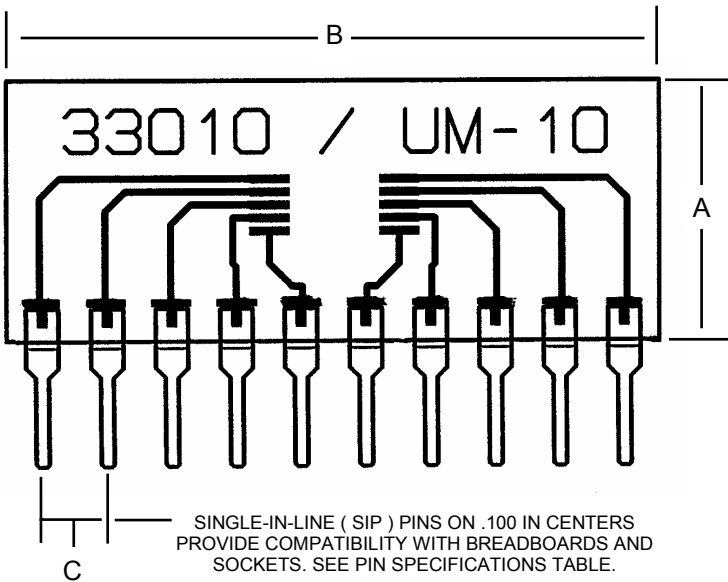
ACCEPTS  
THESE  
DEVICES

PARTIAL  
LISTING



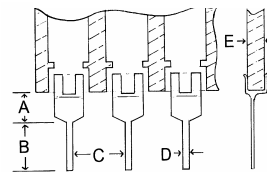
**MICROMAX-10\***  
**MSOP-10**  
**SOT-552**  
**TSSOP-10**  
**USOP-10**  
**ANALOG PKG. RM-10**  
**ON SEMI MICRO-10**  
**LINEAR MS PKG.**  
**T.I. DGS (S-PDSO-G10) VSSOP**

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT



DEVICE FOOTPRINT

### PIN SPECIFICATIONS / TOLERANCES



In Inches

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

| FIG. | INCHES | MM    | NOTE:                           |
|------|--------|-------|---------------------------------|
| A    | .400   | 10.16 | BOARD HEIGHT +/- .5mm .020in.   |
| B    | 1.0    | 25.4  | BOARD WIDTH +/- .5mm .020in.    |
| C    | .100   | 2.54  | SIP PIN SPACE +/- .20mm .008in. |
| D    | .200   | 5.08  | PAD CENTERLINE                  |
| E    | .0197  | .50   | DEVICE LEAD PITCH               |
| F    | .060   | 1.52  | PAD LENGTH                      |
| G    | .012   | .304  | PAD WIDTH                       |
| H    | .140   | 3.55  | GAP                             |
| I    | .260   | 6.60  | MAX LEAD WIDTH                  |

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### 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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