SURFBOARDS®



THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT** TM

33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33105

REV 1-2012

MODEL 33105

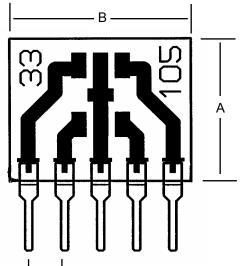
ACCEPTS

SOT-89-5 SOT-89-5L ANALOG PKG, RK-5

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

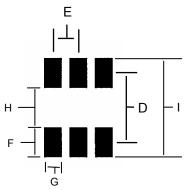
PROTOTYPING AND DEVICE

EVALUATION TEST ADAPTER



FOR 1.5 MM PITCH DEVICES

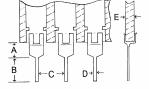
NOTE*
PINS 2 AND 5
OF DEVICE
FOOTPRINT
ARE COMMON
GROUND AND
SHARE
CENTER SIP
PIN OF
ADAPTER



DEVICE FOOTPRINT

SINGLE-IN-LINE (SIP) PINS ON .100 .IN CENTERS PROVIDE COMPATIBILITY WITH BREADBOARDS AND SOCKETS. SEE PIN SPECIFICATIONS TABLE.

| FIG. | INCHES | ММ | NOTE: |
|------|--------|-------|-----------------------------|
| Α | .400 | 10.16 | BOARD HEIGHT +5mm .020in. |
| В | .500 | 12.70 | BOARD WIDTH +5mm .020in. |
| С | .100 | 2.54 | SIP PIN SPACE +20mm .008in. |
| D | .165 | 4.19 | PAD CENTERLINE |
| E | .060 | 1.50 | DEVICE LEAD PITCH |
| F | .070 | 1.77 | PAD LENGTH |
| G | .040 | 1.01 | PAD WIDTH |
| Н | .095 | 2.41 | GAP |
| I | .235 | 5.96 | MAX LEAD 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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