

SURFBOARDS®



THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT**™

33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33205

REV 1-2012

MODEL **33205**
FOR 5 LEAD .95 MM PITCH DEVICES

ACCEPTS
THESE
DEVICES

PARTIAL
LISTING

SOT-23-5
SOT-25
SC-59-5
SC-74A
TSOP-5
TSOT-23-5

ANALOG RJ-5, UJ-5
FAIRCHILD TinyLogic™*1
BURR BROWN PKG 331
MICREL ITTYBITTY™**1
PANASONIC Mini5-DA, Mini5-G1
ROHM SMD5, SMT5, TSMT5
TEXAS INST. Microgate™***1
DBV (R-PDSO-G5)
DDC (R-PDSO-G5)
TOSHIBA SMV PKG.

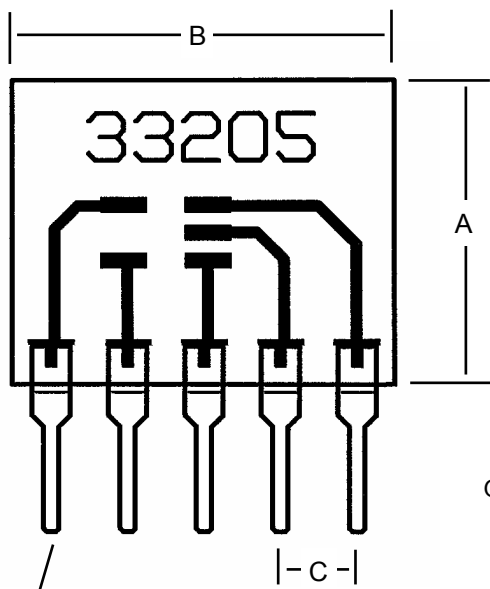
ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

*TinyLogic is a Trademark of Fairchild Semiconductor Corp.

**Ittybitty is a Trademark of Micrel Semiconductor corp.

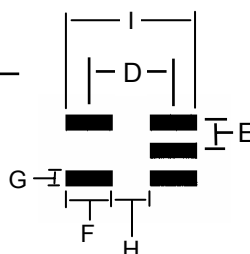
***Microgate is a trademark of Texas Inst. Corp.

1 - In the SOT-23-5 / SC59-5 package.



PINS ON .1 in.
CENTERS PROVIDE
COMPATIBILITY
WITH
BREADBOARDS
AND SOCKETS

DEVICE
FOOTPRINT

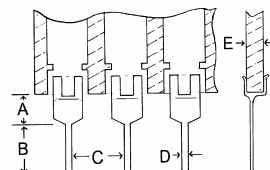


SINGLE-IN-LINE (SIP) PINS ON .100 in. CENTERS. SEE PIN SPECS.

FIG.	INCHES	MM	NOTE:
A	.400	10.16	BOARD HEIGHT $\pm .5\text{mm}$.020in.
B	.500	12.7	BOARD WIDTH $\pm .5\text{mm}$.020in.
C	.100	2.54	SIP PIN SPACE $\pm .20\text{mm}$.008in.
D	.110	2.79	PAD CENTERLINE
E	.0375	.95	DEVICE LEAD PITCH
F	.050	1.27	PAD LENGTH
G	.020	.508	PAD WIDTH
H	.060	1.52	GAP
I	.160	4.06	MAX PIN WIDTH



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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