

SURFBOARDS[®]

THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT**™



33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33305

REV A-10-2011

MODEL **33305**

ACCEPTS **SOT-953**

PARTIAL
LISTING

5 LEAD .35 mm PITCH DEVICES

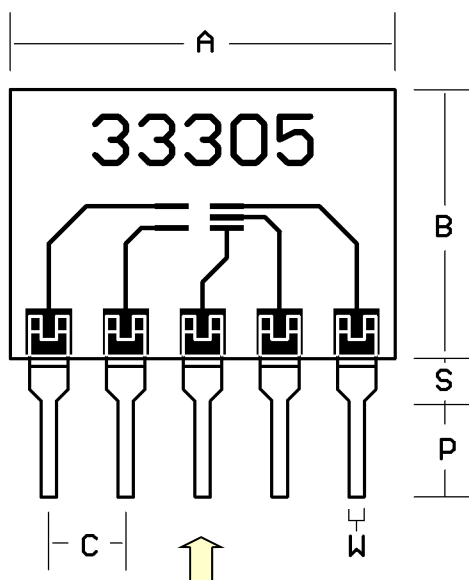
DEVICE LEAD WIDTH 1.0 To Max 2.5 MM

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

Pins on .1 in. Centers designed for use with Solderless breadboards, Conventional Breadboards, and Sockets with standard .1 in. centers.

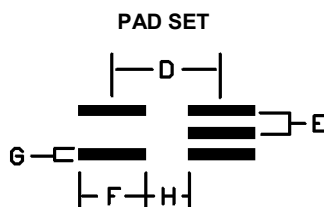
Use For Prototyping, Device Test or Evaluation and SMD to Through Hole Conversion.

Oversize Pads Permit hand soldering and accept a wide range of device widths and tolerances.

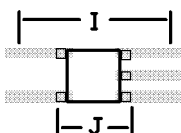


**SINGLE-IN-LINE (SIP) PINS
ON .100 in. CENTERS**

DRAWINGS
NOT TO
SCALE



**EXAMPLE DEVICE (J)
AND MAX WIDTH (I)**



MOUNTING PADS ARE OVERSIZED IN LENGTH TO
ACCEPT A WIDER RANGE OF DEVICE WIDTHS AND
TOLERANCES AND TO PERMIT HAND SOLDERING.

[SEE WEBSITE FOR SOLDERING SUGGESTIONS](#)

FIG.	MM	IN.	NOTE:
A	12.7	.500	BOARD WIDTH $\pm .5\text{mm}$.020in.
B	8.89	.350	BOARD HEIGHT $\pm .5\text{mm}$.020in.
C	2.54	.100	SIP PIN SPACE $\pm .20\text{mm}$.008in.
D	1.8	.071	PAD CENTERLINE
E	.35	.014	DEVICE LEAD PITCH
F	1.1	.043	PAD LENGTH
G	.2	.008	PAD WIDTH
H	.7	.028	GAP
I	2.5	.098	MAX LEAD WIDTH
J	1.0	.039	TYPICAL LEAD WIDTH
P	3.3	.130	LENGTH FROM SHOULDER $\pm .5\text{mm}$.020in.
S	1.57	.062	PIN SHOULDER HEIGHT
W	.5	.020	PIN WIDTH

TOLERANCES: If not noted are $\pm 20\%$. Nominal values are given. Controlling unit is Millimeters. Slight Variations due to manufacturing process can occur.

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 $\pm .5\text{mm}$.020in.



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