

SURFBOARDS[®]

THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT**™



33000 SERIES APPLICATION SPECIFIC ADAPTERS

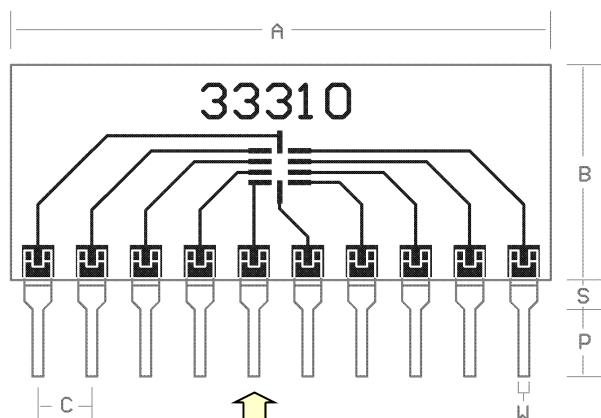
IDS33310
REV A-10-2011

MODEL **33310**
10 LEAD .5 mm PITCH DEVICES
DEVICE LEAD WIDTH 1.5 To Max 2.5 MM

ACCEPTS

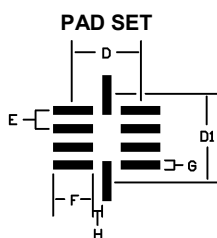
PARTIAL LISTING

FAIRCHILD **10LD, MICROPAK 1.6MM**
TEXAS INST. **RSE (S-PQFP-N10)**
RUG (S-PQFP-N10)

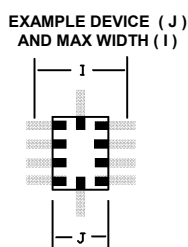


**SINGLE-IN-LINE (SIP) PINS
ON .100 in. CENTERS**

DRAWINGS
NOT TO
SCALE



**4 SIDED LEAD
FORMAT.**
PIN 1 LOCATION
VARIABLE BASED
ON DEVICE
SELECTED.
SEE DEVICE
DATA SHEET.



**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](#)

BOARD SPECIFICATIONS

BOARD MATERIAL: .8mm, $\pm .13$ 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. Pattern Position on board $\pm .5$ mm .020in.



FIG.	MM	IN.	NOTE:
A	25.4	1.0	BOARD WIDTH $\pm .5$ mm .020in.
B	10.16	.400	BOARD HEIGHT $\pm .5$ mm .020in.
C	2.54	.100	SIP PIN SPACE $\pm .20$ mm .008in.
D	1.85	.073	PAD CENTERLINE
D1	2.35	.093	PAD CENTERLINE OTHER AXIS
E	.5	.020	DEVICE LEAD PITCH
F	1.1	.043	PAD LENGTH
G	.25	.010	PAD WIDTH
H	.25	.010	GAP
I	2.5	.098	MAX LEAD WIDTH
J	1.5	.059	TYPICAL LEAD WIDTH
P	3.3	.130	LENGTH FROM SHOULDER $\pm .5$ 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.
Values rounded to nearest decimal. Slight Variations due to manufacturing process can occur.

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