

# SURFBOARDS®

THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™



## 33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33406  
REV A-10-2011

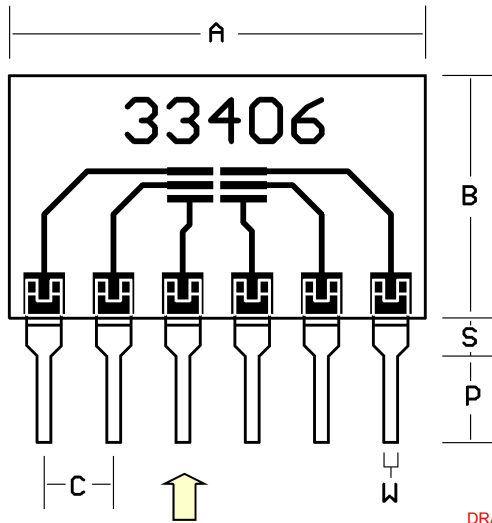
MODEL **33406**

ACCEPTS  
(PARTIAL LISTING)

**SC-75-6, SC-89,  
SOT-66, SOT-563, SOT-666**

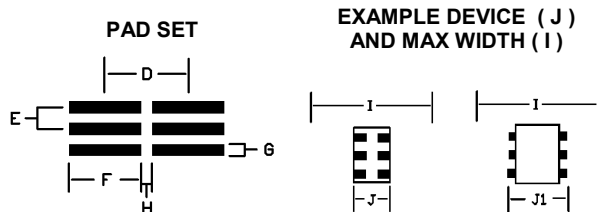
6 LEAD .5 mm PITCH DEVICES

DEVICE LEAD WIDTHS 1.0, 1.5, 1.6, 1.65, To Max 3.3



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

DRAWINGS  
NOT TO  
SCALE



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](#)

KEC	TES6
NATIONAL	LLP COL 2x2x0.6mm 6LD
MAXIM	6L UDFN 1.5x1.0x0.75mm
ON SEMI	UDFN6 1.45x1.0,0.5P, ULLGA6 1.45x1.0,0.5P
PANASONIC	SSMini6-F1, SSMini6-F2, WSSMini6-F1
RENESAS	SMFPAK-6
ROHM	WEMT6, EMT6
TEXAS INST.	DRL (R-PDSO-N6), DRY (R-PDSO-N6), DSE (R-PDSO-N6)
TOSHIBA	ES6

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

FIG.	MM	IN.	NOTE:
A	15.24	.600	BOARD WIDTH +/- .5mm .020in.
B	8.89	.350	BOARD HEIGHT +/- .5mm .020in.
C	2.54	.100	SIP PIN SPACE +/- .20mm .008in.
D	1.95	.077	PAD CENTERLINE
E	.5	.020	DEVICE LEAD PITCH
F	1.7	.067	PAD LENGTH
G	.3	.012	PAD WIDTH
H	.25	.010	GAP
I	3.3	.130	MAX LEAD WIDTH
J	1.0	.039	TYPICAL LEAD WIDTH
J1	1.6	.063	VARIATION LEAD WIDTH
P	3.3	.130	LENGTH FROM SHOULDER +/- .5mm .020in.
S	1.57	.062	PIN SHOULDER HEIGHT
W	.5	.020	PIN WIDTH

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

### 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.



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