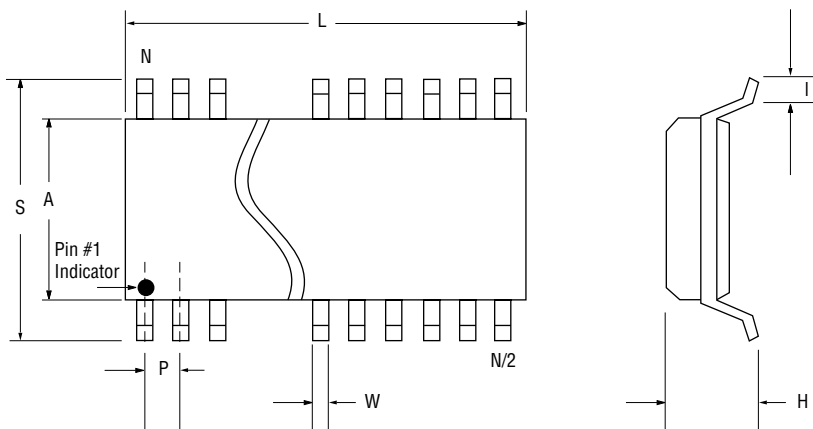


OUTLINE DIMENSIONS (INCH/mm)

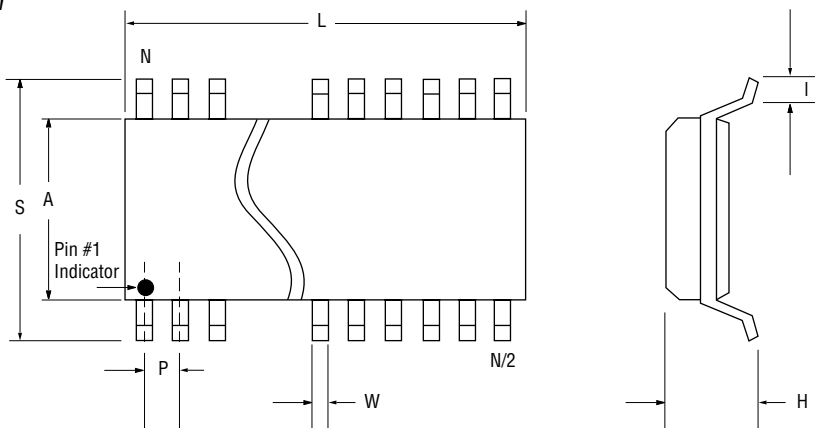
QSOP



Dimensions	16 Pin		20 Pin		24 Pin	
	Min.	Max.	Min.	Max.	Min.	Max.
Dim. S	$\frac{0.228}{5.79}$	$\frac{0.244}{6.20}$	$\frac{0.228}{5.79}$	$\frac{0.244}{6.20}$	$\frac{0.228}{5.79}$	$\frac{0.244}{6.20}$
Dim. L	$\frac{0.189}{4.80}$	$\frac{0.198}{4.98}$	$\frac{0.337}{8.56}$	$\frac{0.344}{8.74}$	$\frac{0.337}{8.56}$	$\frac{0.344}{8.74}$
Dim. A	$\frac{0.150}{3.81}$	$\frac{0.158}{3.99}$	$\frac{0.150}{3.81}$	$\frac{0.158}{3.99}$	$\frac{0.150}{3.81}$	$\frac{0.158}{3.99}$
Dim. H	$\frac{0.053}{1.35}$	$\frac{0.068}{1.75}$	$\frac{0.053}{1.35}$	$\frac{0.068}{1.75}$	$\frac{0.053}{1.35}$	$\frac{0.068}{1.75}$
Dim. I	$\frac{0.016}{0.41}$	$\frac{0.050}{1.27}$	$\frac{0.016}{0.41}$	$\frac{0.050}{1.27}$	$\frac{0.016}{0.41}$	$\frac{0.050}{1.27}$
Dim. P	$\frac{0.025}{0.635}$ BSC		$\frac{0.025}{0.635}$ BSC		$\frac{0.025}{0.635}$ BSC	
Dim. W	$\frac{0.008}{0.20}$	$\frac{0.012}{0.30}$	$\frac{0.008}{0.20}$	$\frac{0.012}{0.30}$	$\frac{0.008}{0.20}$	$\frac{0.012}{0.30}$

OUTLINE DIMENSIONS (INCH/mm)

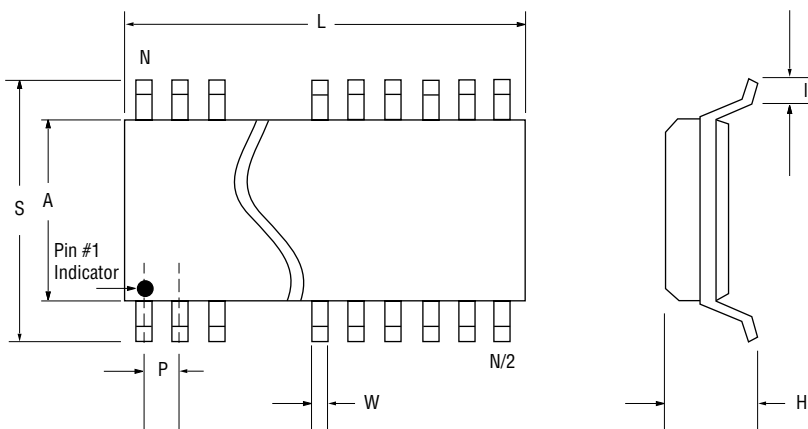
SOIC - Narrow



Dimensions	8 Pin		14 Pin		16 Pin	
	Min.	Max.	Min.	Max.	Min.	Max.
Dim. S	$\frac{0.228}{5.79}$	$\frac{0.244}{6.20}$	$\frac{0.228}{5.79}$	$\frac{0.244}{6.20}$	$\frac{0.228}{5.79}$	$\frac{0.244}{6.20}$
Dim. L	$\frac{0.189}{4.80}$	$\frac{0.198}{4.98}$	$\frac{0.337}{8.56}$	$\frac{0.346}{8.74}$	$\frac{0.386}{9.80}$	$\frac{0.396}{9.98}$
Dim. A	$\frac{0.150}{3.81}$	$\frac{0.158}{3.99}$	$\frac{0.150}{3.81}$	$\frac{0.158}{3.99}$	$\frac{0.150}{3.81}$	$\frac{0.158}{3.99}$
Dim. H	$\frac{0.053}{1.35}$	$\frac{0.068}{1.75}$	$\frac{0.053}{1.35}$	$\frac{0.068}{1.75}$	$\frac{0.053}{1.35}$	$\frac{0.068}{1.75}$
Dim. I	$\frac{0.016}{0.41}$	$\frac{0.050}{1.27}$	$\frac{0.016}{0.41}$	$\frac{0.050}{1.27}$	$\frac{0.016}{0.41}$	$\frac{0.050}{1.27}$
Dim. P	$\frac{0.050}{1.27}$ BSC		$\frac{0.050}{1.27}$ BSC		$\frac{0.050}{1.27}$ BSC	
Dim. W	$\frac{0.014}{0.36}$	$\frac{0.018}{0.46}$	$\frac{0.014}{0.36}$	$\frac{0.018}{0.46}$	$\frac{0.014}{0.36}$	$\frac{0.018}{0.46}$

OUTLINE DIMENSIONS (INCH/mm)

SOIC - Wide Body

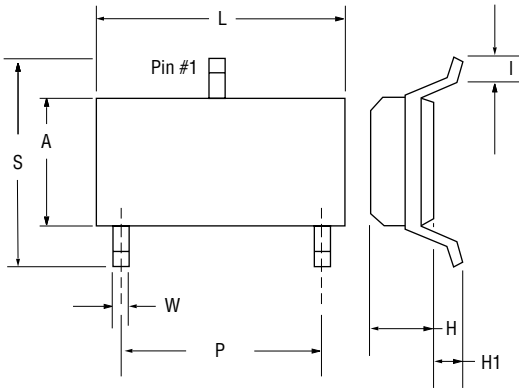


Dimensions	16 Pin		20 Pin	
	Min.	Max.	Min.	Max.
Dim. S	$\frac{0.398}{10.11}$	$\frac{0.414}{10.51}$	$\frac{0.398}{10.11}$	$\frac{0.414}{10.51}$
Dim. L	$\frac{0.398}{10.11}$	$\frac{0.406}{10.31}$	$\frac{0.498}{12.65}$	$\frac{0.506}{12.85}$
Dim. A	$\frac{0.291}{7.40}$	$\frac{0.299}{7.60}$	$\frac{0.291}{7.40}$	$\frac{0.299}{7.60}$
Dim. H	$\frac{0.096}{2.44}$	$\frac{0.104}{2.64}$	$\frac{0.096}{2.44}$	$\frac{0.104}{2.64}$
Dim. I	$\frac{0.020}{0.51}$	$\frac{0.040}{1.01}$	$\frac{0.020}{0.51}$	$\frac{0.040}{1.01}$
Dim. P	$\frac{0.050}{1.27}$ BSC		$\frac{0.050}{1.27}$ BSC	
Dim. W	$\frac{0.014}{0.36}$	$\frac{0.018}{0.46}$	$\frac{0.014}{0.36}$	$\frac{0.018}{0.46}$

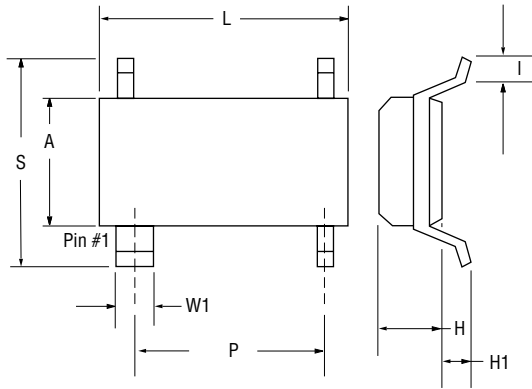
OUTLINE DIMENSIONS (INCH/mm)

Voltage Divider

SOT - 23



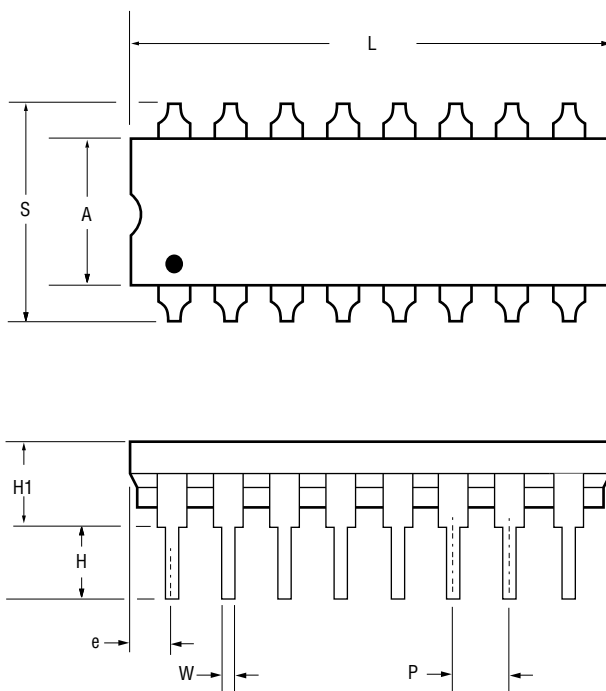
SOT - 143



Dimensions	SOT - 23		SOT - 143	
	Min.	Max.	Min.	Max.
Dim. S	<u>0.083</u> 2.10	<u>0.098</u> 2.50	<u>0.083</u> 2.10	<u>0.098</u> 2.50
Dim. L	<u>0.105</u> 2.67	<u>0.120</u> 3.05	<u>0.111</u> 2.82	<u>0.119</u> 3.02
Dim. A	<u>0.047</u> 1.20	<u>0.065</u> 1.40	<u>0.047</u> 1.20	<u>0.065</u> 1.40
Dim. H	<u>0.031</u> 0.79	<u>0.043</u> 1.097	<u>0.031</u> 0.79	<u>0.043</u> 1.097
Dim. H1	<u>0.0005</u> 0.013	<u>0.004</u> 0.10	<u>0.0005</u> 0.013	<u>0.004</u> 0.10
Dim. I	<u>0.008</u> 0.21	<u>0.016</u> 0.41	<u>0.008</u> 0.21	<u>0.016</u> 0.41
Dim. P	<u>0.071</u> 1.80	<u>0.079</u> 2.0	<u>0.067</u> 1.70	<u>0.080</u> 2.03
Dim. W	<u>0.015</u> 0.38	<u>0.021</u> 0.54	<u>0.015</u> 0.38	<u>0.021</u> 0.54
Dim. W1	N/A	N/A	<u>0.030</u> 0.77	<u>0.037</u> 0.94

OUTLINE DIMENSIONS (INCH/mm)

P-DIP



Dimensions	8 Pin		14 Pin		16 Pin		20 Pin	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Dim. S	<u>0.320</u> 8.13	<u>0.370</u> 9.40	<u>0.320</u> 8.13	<u>0.320</u> 8.13	<u>0.320</u> 8.13	<u>0.370</u> 9.40	<u>0.320</u> 8.13	<u>0.370</u> 9.40
Dim. L	<u>0.371</u> 9.42	<u>0.379</u> 9.62	<u>0.746</u> 18.95	<u>0.754</u> 19.15	<u>0.746</u> 18.95	<u>0.754</u> 19.15	<u>1.016</u> 25.81	<u>1.024</u> 26.01
Dim. A	<u>0.295</u> 6.25	<u>.320</u> 6.45	<u>0.295</u> 6.25	<u>0.320</u> 6.45	<u>0.295</u> 6.25	<u>0.320</u> 6.45	<u>0.295</u> 6.25	<u>0.320</u> 6.45
Dim. P	<u>0.100</u> 2.54		<u>0.100</u> 2.54		<u>0.100</u> 2.54		<u>0.100</u> 2.54	
Dim. W	<u>0.018</u> 0.46		<u>0.018</u> 0.46		<u>0.018</u> 0.46		<u>0.018</u> 0.46	
Dim. H	<u>0.145</u> 3.68	<u>0.170</u> 4.32	<u>0.145</u> 3.68	<u>0.170</u> 4.32	<u>0.145</u> 3.68	<u>0.170</u> 4.32	<u>0.145</u> 3.68	<u>0.170</u> 4.32
Dim. e	<u>0.038</u> 0.96		<u>0.075</u> 1.91		<u>0.025</u> 0.64		<u>0.060</u> 1.52	
Dim. H1	<u>0.145</u> 3.68	<u>0.170</u> 4.32	<u>0.145</u> 3.68	<u>0.170</u> 4.32	<u>0.145</u> 3.68	<u>0.170</u> 4.32	<u>0.145</u> 3.68	<u>0.170</u> 4.32