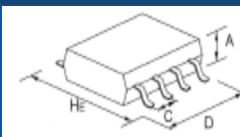
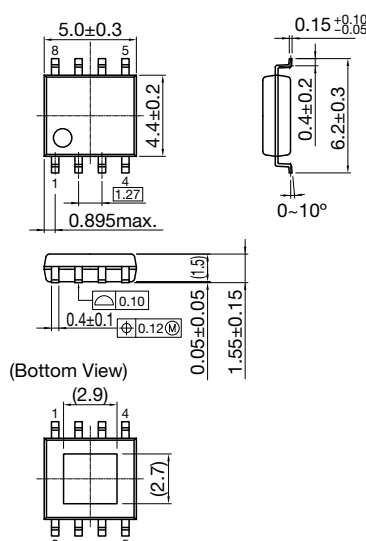
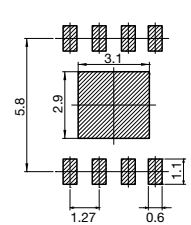
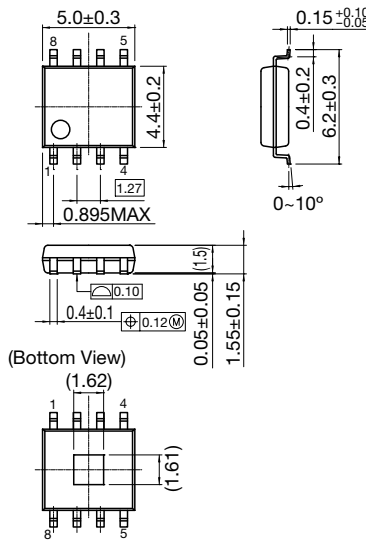
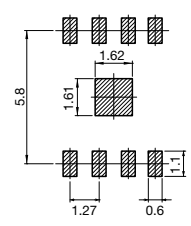


パッケージ一覧表



パッケージタイプ	ピン数	パッケージ名	パッケージサイズ (mm)			ピンピッチ (mm)
			He	D	A	C
リードタイプ	3	TO-92A	5.40	3.80	7.50	2.50
フラットリードタイプ	6	SON-6A	3.00	1.60	0.80	0.50
	6	SON-6B	3.00	1.60	0.80	0.50
	6	SON-6C	2.00	1.60	0.55	0.50
	6	SON-6D	3.00	2.90	0.80	0.95
	5	SOT89-5A	4.25	4.50	1.50	1.50
ガルウイングタイプ	4	SC-82ABA	2.10	2.00	0.95	1.30
	4	SC-82ABB	2.10	2.00	0.90	1.30
	6	SC-88A	2.10	2.00	0.90	0.65
	3	SOT-23A	2.80	2.90	1.15	1.90
	5	SOT-25A	2.80	2.90	1.15	0.95
	6	SOT-26A	2.80	2.90	1.15	0.95
	6	SOT-26B	2.80	2.90	1.15	0.95
	7	SOP-7B	6.20	5.00	1.55	1.27
	8	SOP-8C	6.20	5.20	1.55	1.27
	8	SOP-8D	6.20	5.00	1.55	1.27
	10	SOP-10A	6.20	5.00	1.55	1.00
	16	SOP-16B	6.20	10.20	1.55	1.27
	28	SOP-28B	9.90	17.60	1.85	1.27
	8	SSOP-8A	3.10	2.00	0.75	0.50
	24	SSOP-24B	7.80	10.20	1.90	0.80
	34	SSOP-34A	9.90	17.60	1.85	1.00
	36	SSOP-36A	7.80	15.00	1.90	0.80
	42	SSOP-42A	9.90	17.60	1.85	0.80
	16	TSOP-16A	6.40	5.00	1.10	0.65
	16	TSOP-16B	6.40	5.00	1.10	0.65
	16	TSOP-16D	6.40	5.00	1.10	0.65
	20	TSOP-20A	6.40	6.50	1.10	0.65
	20	TSOP-20B	6.40	6.50	1.10	0.65
	20	TSOP-20D	6.40	6.50	1.10	0.65
	20	TSOP-20E	6.40	6.50	1.10	0.65
	20	TSOP-20F	6.40	6.50	1.20	0.65
	8	VSOP-8B	4.00	2.90	1.30	0.65
	8	VSOP-8C	4.00	2.95	1.30	0.65
	8	VSOP-8D	4.00	2.80	1.30	0.65
	8	HSOP-8A	6.20	5.00	1.55	1.27
	8	HSOP-8C	6.20	5.00	1.55	1.27
	28	HSOP-28A	9.90	18.60	2.30	0.80
	28	HSOP-28C	9.90	17.60	1.90	0.80
	36	HSOP-36A	9.90	17.60	1.90	0.80
	64	QFP-64E	16.00	16.00	1.20	0.80
	80	QFP-80D	17.20	23.20	3.22	0.80
	100	QFP-100A	17.20	23.20	3.22	0.65
	3	TO-252C	9.90	6.60	2.30	2.30
	5	TO-252-5A	9.90	6.60	2.30	1.27
	ノンリードタイプ	4	PLP-4A	1.00	1.00	0.60
4		PLP-4B	1.60	1.20	0.60	0.60
6		PLP-6A	2.00	1.80	0.60	0.50
10		PLP-10A	2.50	2.70	0.60	0.50
16		SQFN-16A	3.00	3.00	0.75	0.50
32		SQFN-32A	5.00	5.00	0.75	0.50
4		SSON-4B	1.40	1.10	0.55	0.50
6		SSON-6A	2.00	1.80	0.75	0.50
6		SSON-6E	1.60	1.80	0.55	0.50
6		SSON-6J	1.40	1.40	0.55	0.50
6		SSON-6L	2.00	2.00	0.75	0.65
8		SSON-8B	2.30	2.30	0.75	0.5
8		SSON-8C	3.00	3.00	0.55	0.65
10		SSON-10A	2.50	2.70	0.60	0.50
20		WLCSP-20A	1.936	1.936	0.345	0.40
25		WLCSP-25A	1.936	1.936	0.345	0.40
48		WLCSP-48A	3.47	3.47	0.40	0.50

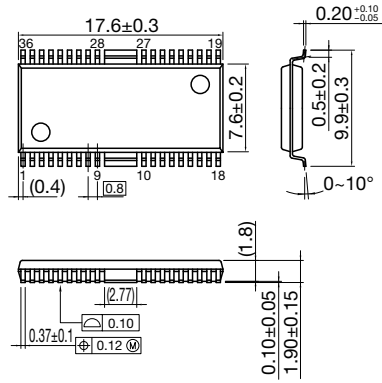
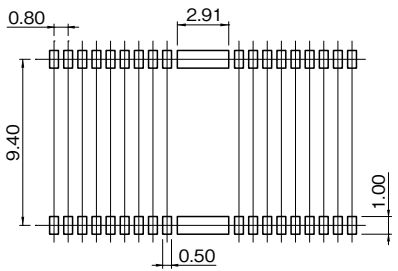
パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>HSOP-8A</p>	 <p>Top View: 5.0 ± 0.3, 4.4 ± 0.2, 0.895max., 1.27, 0.4, $0.15 \pm 0.10 / -0.05$, 0.4 ± 0.2, 6.2 ± 0.3, $0 \sim 10^\circ$</p> <p>Side View: 1.55 ± 0.15, 0.05 ± 0.05 (1.5), 0.4 ± 0.1, 0.10, $\phi 0.12$</p> <p>(Bottom View) (2.9), (2.7)</p>	 <p>Dimensions: 5.8, 2.9, 3.1, 1.27, 0.6, 1.1</p>
<p>HSOP-8C</p>	 <p>Top View: 5.0 ± 0.3, 4.4 ± 0.2, 0.895MAX, 1.27, 0.4, $0.15 \pm 0.10 / -0.05$, 0.4 ± 0.2, 6.2 ± 0.3, $0 \sim 10^\circ$</p> <p>Side View: 1.55 ± 0.15, 0.05 ± 0.05 (1.5), 0.4 ± 0.1, 0.10, $\phi 0.12$</p> <p>(Bottom View) (1.62), (1.61)</p>	 <p>Dimensions: 5.8, 1.62, 1.61, 1.27, 0.6, 1.1</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>HSOP-28A</p>	<p>Top view dimensions: 18.6±0.3, 28, 22, 21, 15, 1.6max., 0.8, 8, 14, 7.5±0.2.</p> <p>Side view dimensions: 0.15^{+0.10}/_{-0.05}, 0.5±0.2, 9.9±0.3, 0~10°.</p> <p>Detail view dimensions: (2.2), 0.1±0.05, 2.3±0.15, (5.15), 0.10, 0.35±0.05, ∅0.12.</p>	<p>Land pattern dimensions: 0.5, 0.8, 5.15, 1.2, 9.1, 3.2.</p>
<p>HSOP-28C</p>	<p>Top view dimensions: 17.6±0.3, 28, 22, 21, 15, 1.1max., 0.8, 8, 14, 7.6±0.2.</p> <p>Side view dimensions: 0.20^{+0.10}/_{-0.05}, 0.5±0.2, 9.9±0.3, 0~10°.</p> <p>Detail view dimensions: (1.8), 0.10±0.05, 1.90±0.15, (5.15), 0.10, 0.35±0.10, ∅0.12.</p>	<p>Land pattern dimensions: 0.5, 0.8, 5.15, 1.2, 9.1, 3.2.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
HSOP-36A	 <p>Top view dimensions: 17.6±0.3, 7.6±0.2, 0.4, 0.8, 1, 9, 10, 18, 27, 28, 36.</p> <p>Side view dimensions: 0.20^{+0.10}/_{-0.05}, 0.5±0.2, 9.9±0.3, 0-10°.</p> <p>Detail view dimensions: 1.8, 0.10±0.05, 1.90±0.15, 0.37±0.1, 0.10, 0.12, 2.77.</p>	 <p>Land pattern dimensions: 0.80, 2.91, 9.40, 1.00, 0.50.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>PLP-4A</p>	<p>Technical drawing of PLP-4A package showing top, side, and bottom views with dimensions:</p> <ul style="list-style-type: none"> Top View: 1.00±0.05 (width), 1.00±0.05 (height), pins 1, 2, 3, 4. Side View: 0.07MAX (height), 0.60MAX (height), 0.05 (width). Bottom View: 0.25±0.05 (width), 0.65 (width), 0.48±0.05 (width), 45° (angle), 0.32±0.05 (height), 0.07±0.05 (height), 0.25±0.05 (width), 0.05 (width), 0.18 (radius), 0.25 (width). 	<p>Recommended land pattern diagram for PLP-4A package with dimensions:</p> <ul style="list-style-type: none"> 0.44 (width), 0.25 (width), 0.18 (width), 0.25 (width), 0.65 (width), 0.55 (width), 0.57 (width), 1.46 (width), 0.25 (width).
<p>PLP-4B</p>	<p>Technical drawing of PLP-4B package showing top, side, and bottom views with dimensions:</p> <ul style="list-style-type: none"> Top View: 1.20±0.05 (width), 1.60±0.05 (height), pins 1, 2, 3, 4. Side View: (0.07) (height), 0.6MAX (height), 0.05 (width). Bottom View: 0.60 (width), (1.0) (width), 0.7 (width), 0.20±0.05 (width), 0.30±0.05 (width), 0.05 (width). 	<p>Recommended land pattern diagram for PLP-4B package with dimensions:</p> <ul style="list-style-type: none"> 0.45 (width), 0.60 (width), 0.70 (width), 1.00 (width), 2.10 (width), 0.30 (width).

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>PLP-6A</p>		
<p>PLP-10A</p>		

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>QFP-64E</p>	<p>Top view dimensions: 14.0±0.2, 16.0±0.3, 14.0±0.2, 16.0±0.3. Pin counts: 46, 33, 32, 17, 16, 1. Lead thickness: 0.15^{+0.10}/_{-0.06}. Lead angle: 0~10°. Lead length: 0.6±0.2. Detail view shows lead width: 0.8, lead thickness: 0.37^{+0.10}/_{-0.07}, and a hole diameter of 0.1±0.05 with a maximum diameter of 1.2 max.</p>	<p>Land pattern dimensions: 14.6 by 14.6. Lead width: 0.8. Lead thickness: 0.5. Pad diameter: 1.3.</p>
<p>QFP-80D</p>	<p>Top view dimensions: 20.0±0.20, 23.2±0.30, 14.0±0.20, 17.2±0.30. Pin counts: 64, 41, 40, 25, 24, 1, 80. Lead thickness: 0.15^{+0.10}/_{-0.02}. Lead angle: 0~10°. Lead length: 0.8±0.20. Detail view shows lead width: 0.8, lead thickness: 0.38±0.08, and a hole diameter of 0.35^{+0.15}/_{-0.10} with a maximum diameter of 3.22±0.18.</p>	<p>Land pattern dimensions: 20.4 by 14.4. Lead width: 0.8. Lead thickness: 0.5. Pad diameter: 1.5.</p>

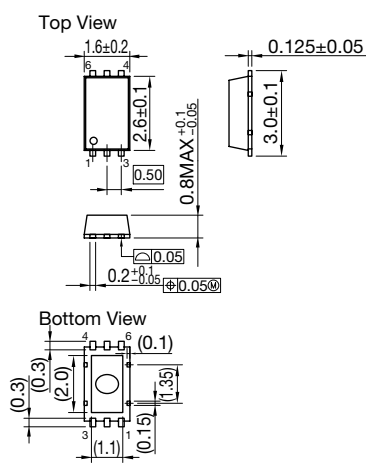
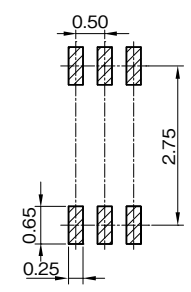
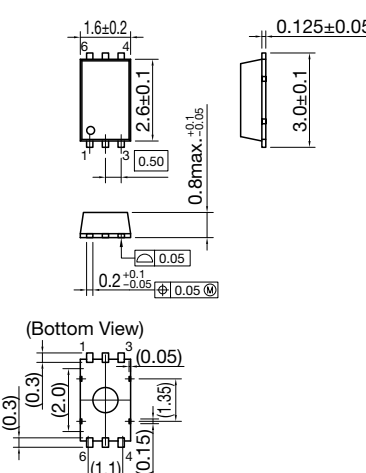
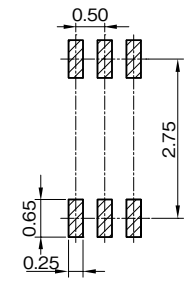
パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>QFP-100A</p>	<p>Technical drawing of the QFP-100A package. It includes a top view showing a square package with pin numbers 1, 30, 31, 50, 51, 80, 81, and 100. Dimensions include a width of 20.0 ± 0.2 mm and a total width of 23.2 ± 0.3 mm. A side view shows a height of 0.8 ± 0.20 mm and a lead angle of $0 \sim 10^\circ$. A detail view shows a lead thickness of $0.15^{+0.08}_{-0.04}$ mm, a lead width of 0.65 mm, and a lead height of $0.35^{+0.15}_{-0.10}$ mm. Other dimensions include $0.30^{+0.10}_{-0.08}$, 0.10, 0.13, 2.79, and 3.22 ± 0.18.</p>	<p>Recommended land pattern diagram for the QFP-100A package. It shows a square package with a side length of 20.6 mm. The distance between the center of opposite sides is 14.6 mm. The distance between the center of opposite corners is 1.5 mm. The width of the land is 0.35 mm.</p>
<p>SC-82ABA</p>	<p>Technical drawing of the SC-82ABA package. It includes a top view showing a rectangular package with pin numbers 1, 2, 3, and 4. Dimensions include a width of 2.0 ± 0.1 mm and a total width of 1.3 ± 0.2 mm. A side view shows a height of $0.125^{+0.100}_{-0.025}$ mm and a lead height of 2.1 ± 0.3 mm. A detail view shows a lead thickness of $0.3^{+0.10}_{-0.05}$ mm, a lead width of 0.4 mm, and a lead height of 0.95 ± 0.15 mm. Other dimensions include 0.3, 0.3, 1.25 ± 0.1, 0.3, 0.4, 0.15, 0.10, and 0.10.</p>	<p>Recommended land pattern diagram for the SC-82ABA package. It shows a rectangular package with a width of 1.3 mm and a height of 1.9 mm. The distance between the center of opposite sides is 0.3 mm. The width of the land is 0.6 mm and 0.7 mm. The height of the land is 0.8 mm.</p>

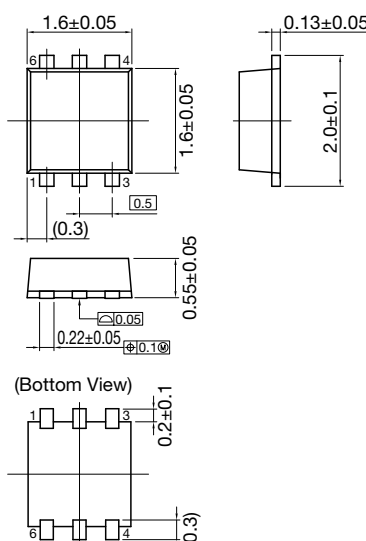
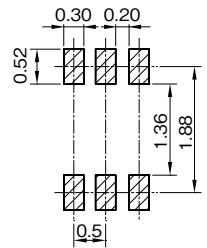
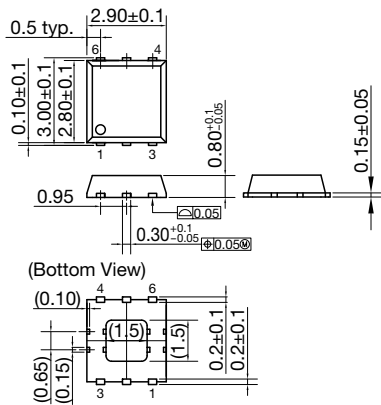
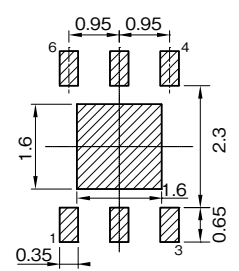
パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SC-82ABB</p>	<p>Top view dimensions: 2.0±0.1, 1.3±0.2, 0.3, 0.3, 0.3, 0.3, 1.25±0.10, 0.4, (0.15), 0.3, 0.3, 0.3, 0.3.</p> <p>Side view dimensions: 0.125^{+0.100}/_{-0.025}, (0.3), 2.1±0.1.</p> <p>Detail view dimensions: 0.3^{+0.10}/_{-0.05}, (0.4^{+0.10}/_{-0.05}), 0.05±0.05, 0.9±0.1, 0.10, 0.10.</p>	<p>Land pattern dimensions: 1.3, 1.9, 0.3, 0.8, 0.6, 0.7.</p>
<p>SC-88A</p>	<p>Top view dimensions: 2.0±0.1, 0.65, 0.65, 0.65, 0.65, 1.25±0.1, 0.3, 0.3, 0.3, 0.3.</p> <p>Side view dimensions: 0.125^{+0.100}/_{-0.025}, (0.3), 2.1±0.1.</p> <p>Detail view dimensions: 0.22^{+0.10}/_{-0.05}, (0.85), 0.05±0.05, 0.9±0.1, 0.10, 0.10.</p>	<p>Land pattern dimensions: 0.65, 0.65, 1.8, 0.7, 0.35.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
SON-6A	 <p>Top View</p> <p>Bottom View</p> <p>Dimensions: 1.6±0.2, 2.6±0.1, 0.50, 0.8MAX^{+0.1}_{-0.05}, 0.125±0.05, 3.0±0.1, 0.2^{+0.1}_{-0.05}, φ0.05, (0.3), (0.3), (2.0), (0.1), (1.35), (1.1), (0.15)</p>	 <p>Dimensions: 0.50, 2.75, 0.65, 0.25</p>
SON-6B	 <p>Top View</p> <p>Bottom View</p> <p>Dimensions: 1.6±0.2, 2.6±0.1, 0.50, 0.8max^{+0.1}_{-0.05}, 0.125±0.05, 3.0±0.1, 0.2^{+0.1}_{-0.05}, φ0.05, (0.3), (0.3), (2.0), (0.05), (1.35), (1.1), (0.15)</p>	 <p>Dimensions: 0.50, 2.75, 0.65, 0.25</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
SON-6C	 <p>SON-6C package dimensions and views. Dimensions include: 1.6±0.05, 1.6±0.05, 0.13±0.05, 2.0±0.1, 0.55±0.05, 0.22±0.05, 0.10±0.05, 0.2±0.1, and 0.3.</p>	 <p>SON-6C recommended land pattern dimensions: 0.30, 0.20, 0.52, 1.36, 1.88, 0.5.</p>
SON-6D	 <p>SON-6D package dimensions and views. Dimensions include: 2.90±0.1, 0.5 typ., 0.10±0.1, 3.00±0.1, 2.80±0.1, 0.80±0.05, 0.15±0.05, 0.95, 0.30±0.05, 0.05, 0.10, 0.65, 0.15, 1.5, 0.2±0.1, 0.2±0.1.</p>	 <p>SON-6D recommended land pattern dimensions: 0.95, 0.95, 1.6, 2.3, 0.65, 0.35, 1.6.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SOP-7B</p>	<p>Top view dimensions: 5.0±0.3, 1.67±0.20, 4.4±0.2, 0.895max., 1.27, 0.15^{+0.10}/_{-0.05}, 0~10°.</p> <p>Side view dimensions: 0.4±0.2, 6.2±0.3.</p> <p>Bottom view dimensions: 0.4±0.1, 0.10, 0.05±0.05, 0.12, 1.55±0.15, (1.5).</p>	<p>Pin spacing: 1.27, 0.80.</p> <p>Pin width: 2.07.</p> <p>Pin height: 1.10.</p> <p>Overall width: 5.80.</p>
<p>SOP-8C</p>	<p>Top view dimensions: 5.2±0.3, 4.4±0.2, 0.995max., 1.27, 0.15^{+0.10}/_{-0.05}, 0~10°.</p> <p>Side view dimensions: 0.4±0.2, 6.2±0.3.</p> <p>Bottom view dimensions: 0.4±0.1, 0.10, 0.05±0.05, 0.12, 1.55±0.15, (1.5).</p>	<p>Pin spacing: 1.27, 0.80.</p> <p>Pin height: 1.10.</p> <p>Overall width: 5.80.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SOP-8D</p>	<p>Top view dimensions: 5.0 ± 0.3, 4.4 ± 0.2, 0.895max., 1.27, 0.4 ± 0.2, $0.15^{+0.10}_{-0.05}$, $0 \sim 10^\circ$, 0.10, 0.4 ± 0.1, 0.12, 0.05 ± 0.05, 1.55 ± 0.15, (1.5).</p>	<p>Recommended land pattern dimensions: 1.27, 0.80, 5.80, 1.10.</p>
<p>SOP-10A</p>	<p>Top view dimensions: 5.0 ± 0.2, 4.4 ± 0.2, 0.8max., 1.0, $0.15^{+0.10}_{-0.05}$, $0 \sim 10^\circ$, 0.10, 0.35 ± 0.10, 0.12, 0.05 ± 0.05, 1.55 ± 0.15, (1.5).</p>	<p>Recommended land pattern dimensions: 0.45, 5.90, 1.10.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SOP-16B</p>		
<p>SOP-28B</p>		

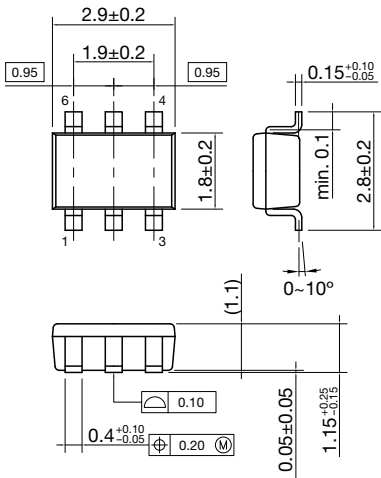
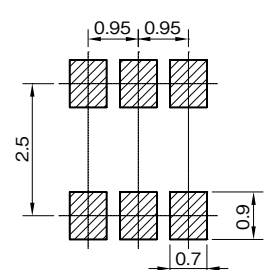
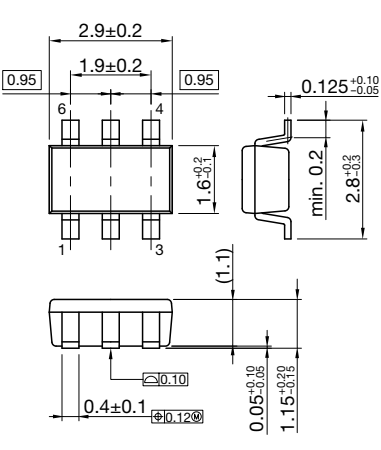
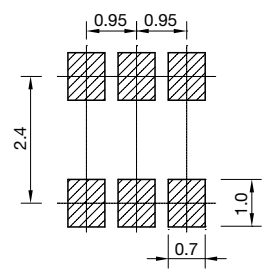
for package

パッケージ

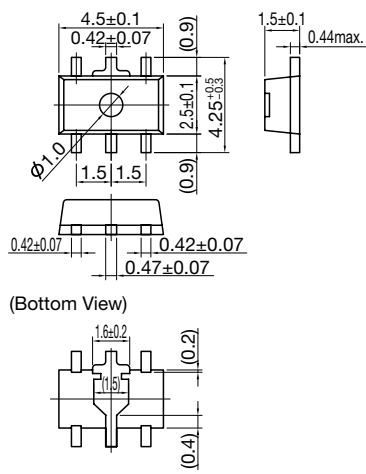
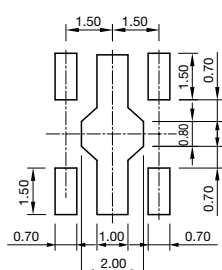
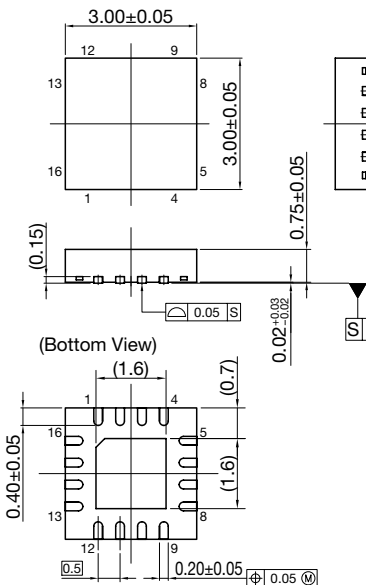
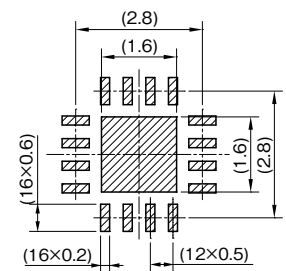
パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SOT-23A</p>		
<p>SOT-25A</p>		

パッケージ

パッケージ名	外形寸法図	推奨ランド図
SOT-26A		
SOT-26B		

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SOT89-5A</p>	 <p>Top View Dimensions: 4.5 ± 0.1, 0.42 ± 0.07 (0.9), 2.5 ± 0.1, $4.25^{+0.03}$, $\phi 1.0$, 1.5, 1.5 (0.9)</p> <p>Side View Dimensions: 1.5 ± 0.1, 0.44max.</p> <p>Bottom View Dimensions: 0.42 ± 0.07, 0.42 ± 0.07, 0.47 ± 0.07</p> <p>(Bottom View) Dimensions: 1.6 ± 0.2 (0.2), 0.4</p>	 <p>Land Pattern Dimensions: 1.50, 1.50, 1.50, 0.70, 0.80, 0.70, 1.00, 2.00, 0.70</p>
<p>SQFN-16A</p>	 <p>Top View Dimensions: 3.00 ± 0.05, 12, 9, 13, 8, 3.00 ± 0.05, 16, 5, 1, 4</p> <p>Side View Dimensions: 0.15, 0.75 ± 0.05, 0.05 S, $0.02^{+0.002}$ S</p> <p>(Bottom View) Dimensions: 0.40 ± 0.05, 16, 13, 12, 9, 1.6, 4, 5, 8, 1.6, 0.20 ± 0.05, 0.05 S</p>	 <p>Land Pattern Dimensions: (2.8), (1.6), (16×0.6), (1.6), (1.6), (2.8), (16×0.2), (12×0.5)</p>

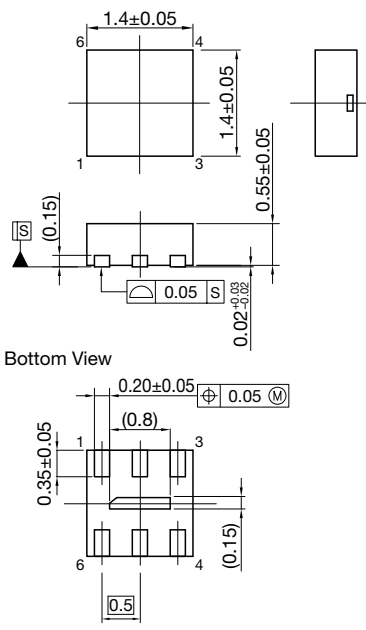
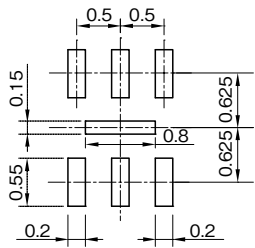
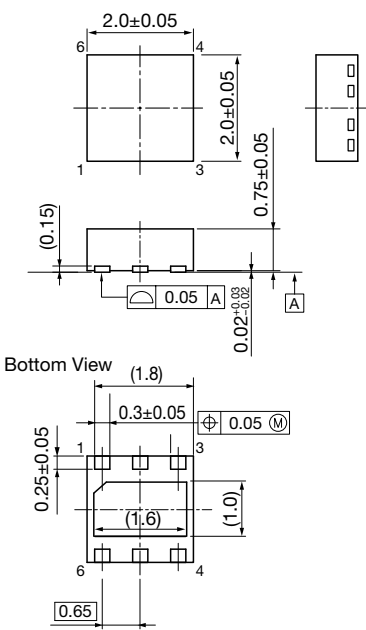
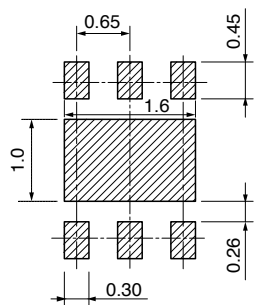
パッケージ

パッケージ名	外形寸法図	推奨ランド図
SQFN-32A	<p>Technical drawing of SQFN-32A package. Top view shows a square footprint with dimensions 24x24. Pin pitch is 5.0±0.05. Pin diameter is 0.75±0.05. Bottom view shows a central square with side length 3.6 and a pin diameter of 0.2±0.05. Side view shows a height of 0.15 and a lead thickness of 0.05.</p>	<p>Recommended land pattern diagram for SQFN-32A. Shows a central square with side length 3.6 and a total width of 4.8. Pin diameter is 0.2. Land width is 0.5. Spacing between lands is 0.6.</p>
SSON-4B	<p>Technical drawing of SSON-4B package. Top view shows a square footprint with dimensions 1.1±0.05x1.4±0.05. Bottom view shows a central square with side length 0.40±0.05. Side view shows a height of 0.15, a lead thickness of 0.05, and a lead length of 0.21±0.03.</p>	<p>Recommended land pattern diagram for SSON-4B. Shows a central square with side length 0.3 and a total width of 0.5. Pin diameter is 0.3. Land width is 0.8. Spacing between lands is 1.05.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
SSON-6A	<p>Technical drawing of SSON-6A package. Dimensions include: top width 1.80 ± 0.05, top height 2.00 ± 0.05, side height 0.75 ± 0.05, bottom width 0.30 ± 0.05, bottom height 0.30 ± 0.05, and various lead dimensions like 0.05 ± 0.05, 0.20 ± 0.05, and 0.05.</p>	<p>Recommended land pattern diagram for SSON-6A. Dimensions include: lead width 0.5, lead spacing 0.5, land width 0.3, land spacing 0.2, and land height 0.5.</p>
SSON-6E	<p>Technical drawing of SSON-6E package. Dimensions include: top width 1.80 ± 0.05, top height 1.60 ± 0.05, side height 0.55 ± 0.05, bottom width 0.30 ± 0.05, bottom height 0.25 ± 0.05, and various lead dimensions like 0.05 ± 0.05, 0.20 ± 0.05, and 0.05.</p>	<p>Recommended land pattern diagram for SSON-6E. Dimensions include: lead width 0.5, lead spacing 0.5, land width 0.3, land spacing 0.2, and land height 0.5.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
SSON-6J	 <p>Top View: 1.4±0.05, 1.4±0.05, 0.55±0.05</p> <p>Side View: 0.15, 0.05, 0.02^{+0.02}_{-0.02}, 0.55±0.05</p> <p>Bottom View: 0.20±0.05, 0.05, 0.35±0.05, 0.8, 0.15, 0.5</p>	 <p>0.5, 0.5, 0.15, 0.8, 0.625, 0.625, 0.2, 0.2</p>
SSON-6L	 <p>Top View: 2.0±0.05, 2.0±0.05, 0.75±0.05</p> <p>Side View: 0.15, 0.05, 0.02^{+0.02}_{-0.02}, 0.75±0.05</p> <p>Bottom View: 1.8, 0.3±0.05, 0.05, 0.25±0.05, 1.6, 1.0, 0.65</p>	 <p>0.65, 0.45, 1.0, 1.6, 0.26, 0.30</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SSON-8B</p>	<p>Technical drawing of the SSON-8B package. It includes a top view showing a square footprint with dimensions 2.30 ± 0.05 mm on both sides. A side view shows a height of 0.75 ± 0.05 mm and a lead height of 0.02 mm. A bottom view shows a central area of 0.40 ± 0.05 mm and a lead width of 0.20 ± 0.05 mm. A small rectangular symbol is shown to the right of the top view.</p>	<p>Recommended land pattern diagram for the SSON-8B package. It shows a square footprint with a side length of 2.1 mm. The distance between the centers of the pads is 0.9 mm. Individual pad dimensions are 0.5 mm wide and 0.25 mm high. The distance from the center to the edge of the pad is 0.3 mm. The lead height is 0.6 mm and the lead width is 0.2 mm.</p>
<p>SSON-8C</p>	<p>Technical drawing of the SSON-8C package. It includes a top view showing a square footprint with dimensions 3.00 ± 0.10 mm on both sides. A side view shows a height of 0.55 ± 0.05 mm and a lead height of 0.035 mm. A bottom view shows a central area of 0.30 ± 0.05 mm and a lead width of 0.30 ± 0.05 mm. A small rectangular symbol is shown to the right of the top view.</p>	<p>Recommended land pattern diagram for the SSON-8C package. It shows a square footprint with a side length of 2.8 mm. The distance between the centers of the pads is 2.5 mm. Individual pad dimensions are 0.65 mm wide and 0.33 mm high. The distance from the center to the edge of the pad is 0.33 mm. The lead height is 0.7 mm and the lead width is 0.3 mm.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
SSON-10A	<p>Top View: Overall width 2.7, pin spacing 0.5, pin width 0.15, lead length 0.55. Pin numbers 1, 5, 6, 10 are indicated.</p> <p>Bottom View: Overall width 2.3, pin spacing 0.25, pin width 0.1, lead length 0.2. Pin numbers 1, 5, 6, 10 are indicated.</p> <p>Side View: Lead height 0.05, lead thickness 0.02, lead angle A.</p>	<p>Land width: 0.50 Pad spacing: 0.30 Pad thickness: 0.10 Pad diameter: 0.20 Pad height: 0.45 Pad length: 2.30 Pad width: 1.50 Pad diameter: 2.90</p>
SSOP-8A	<p>Top View: Overall width 2.0 ± 0.3, pin spacing 0.5, pin width 0.25, lead length 2.3 ± 0.2. Pin numbers 1, 4, 5, 8 are indicated.</p> <p>Side View: Lead height 0.13, lead thickness MIN0.1, lead length 3.1 ± 0.3, lead angle $0-10^\circ$.</p> <p>Bottom View: Lead height 0.1, lead thickness $0.05^{+0.10}_{-0.00}$, lead length 0.75 ± 0.15, pin width $0.2^{+0.05}_{-0.04}$, pin spacing $\phi 0.1$.</p>	<p>Land width: 0.50 Pad spacing: 0.25 Pad height: 0.55 Pad length: 3.05</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SSOP-24B</p>	<p>Top view dimensions: 10.2±0.3, 24 pins, 13 pins, 5.4±0.2, 1.0max., 0.8.</p> <p>Side view dimensions: 0.15^{+0.10}/_{-0.05}, 0.5±0.2, 7.8±0.3, 0~10°.</p> <p>Detail view dimensions: (1.8), 0.10±0.05, 1.90±0.15, 0.36±0.10, 0.1, 0.12.</p>	<p>Land pattern dimensions: 0.8, 7.3, 0.5, 1.0.</p>
<p>SSOP-34A</p>	<p>Top view dimensions: 17.6±0.3, 34 pins, 18 pins, 7.6±0.2, 1.1MAX, 1.0.</p> <p>Side view dimensions: 0.2^{+0.10}/_{-0.05}, 0.5±0.2, 9.9±0.3, 0~10°.</p> <p>Detail view dimensions: (1.8), 0.05±0.05, 1.85±0.15, 0.4±0.1, 0.10, 0.12.</p>	<p>Land pattern dimensions: 9.40, 1.00, 0.40, 1.00.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>SSOP-36A</p>	<p>Top view dimensions: 15.0±0.3, 36, 19, 18, 1.0max., 0.8</p> <p>Side view dimensions: 5.4±0.2, 0.15^{+0.10}/_{-0.05}, 0.5±0.2, 7.8±0.3, 0~10°</p> <p>Detail view dimensions: (1.8), 0.4±0.1, 0.10, 0.10, 0.10±0.05, 1.90±0.10</p>	<p>Land pattern dimensions: 0.8, 9.4, 0.5, 1.0</p>
<p>SSOP-42A</p>	<p>Top view dimensions: 17.6±0.3, 42, 23, 21, 1.1max., 0.8</p> <p>Side view dimensions: 7.6±0.2, 0.2^{+0.10}/_{-0.05}, 0.5±0.2, 9.9±0.3, 0~10°</p> <p>Detail view dimensions: (1.8), 0.35±0.10, 0.12, 0.1, 0.05±0.05, 1.85±0.15</p>	<p>Land pattern dimensions: 0.8, 9.4, 0.5, 1.0</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>TO-92A</p>	<p>Technical drawing of TO-92A package showing dimensions: R2.5, 5.0±0.2, 7.5±0.3, 5.0±0.3, 12.7min., 0.4±0.1, 2.5, 3.8±0.2, 1.3, 0.38+0.10/-0.05.</p>	<p>Recommended land pattern for TO-92A package.</p>
<p>TO-252C</p>	<p>Technical drawing of TO-252C package showing dimensions: 6.60±0.20, 5.34±0.20, 2.30±0.20, 0.50±0.10, 0.127max., 1.524+0.254/-0.127, 9.90±0.30, 0.76±0.05, 0.50±0.10, 2.3, 6.10±0.20, 1.10, 0.75, 2.70, 2.3, 5.04, 5.51.</p>	<p>Recommended land pattern for TO-252C package showing dimensions: 6.00, 6.50, 6.25, 3.00, 1.40, 2.30, 4.60.</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>TO-252-5A</p>	<p>Top view dimensions: 6.60±0.20, 5.34±0.20, 6.10±0.20, 2.70±0.20, 9.90±0.30, 1.10±0.20, 1.27, 0.50±0.10, 0.10, 0.12, 0.50±0.10.</p> <p>Side view dimensions: 0.50±0.10, 1.524^{+0.254}/_{-0.127}.</p> <p>Detail view dimensions: 0.127max., (1.00), 2.30±0.20, (6.04), (3.56), (4.06), (5.51), (1.50), (4.19).</p>	<p>Land pattern dimensions: 5.34, 5.61, 6.33, 1.92, 0.65, 1.27.</p>
<p>TSOP-16A</p>	<p>Top view dimensions: 5.0±0.3, 4.4±0.2, 0.65, 0.525max., 16, 9.</p> <p>Side view dimensions: 0.15^{+0.10}/_{-0.05}, 0.5±0.2, 6.4±0.3, 0~10°.</p> <p>Detail view dimensions: (1.0), 0.10, 0.22±0.1, 0.10, 0.10, 0.10±0.05, 1.1±0.1.</p>	<p>Land pattern dimensions: 0.65, 0.35, 5.9, 0.90.</p>

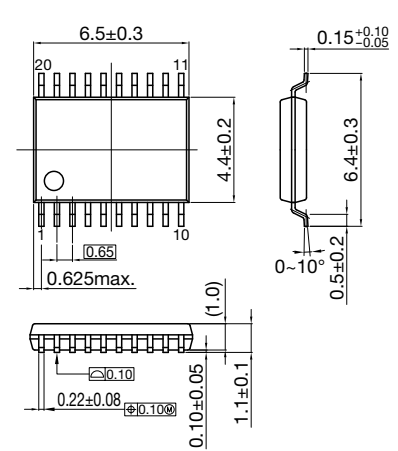
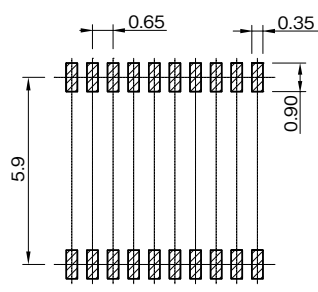
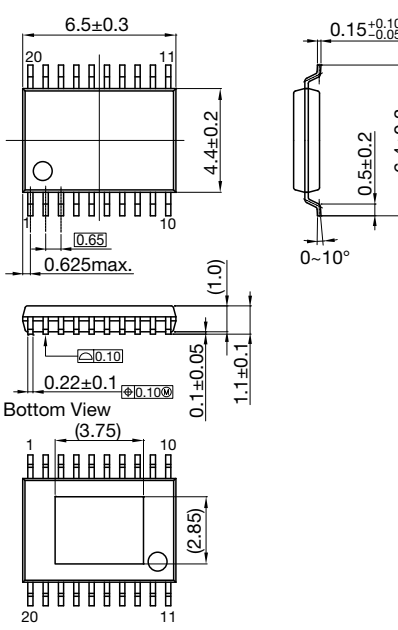
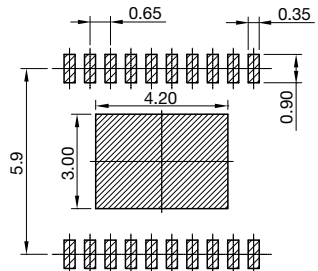
パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>TSOP-16B</p>		
<p>TSOP-16D</p>		

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>TSOP-20A</p>	<p>Top View: 6.5 ± 0.3, 4.4 ± 0.2, 0.65, 0.625 max.</p> <p>Side View: $0.15^{+0.10}_{-0.05}$, 0.5 ± 0.2, 6.4 ± 0.3, $0 \sim 10^\circ$</p> <p>Bottom View: 1.0, 0.10, 0.22 ± 0.10, 0.1 ± 0.05, 1.1 ± 0.1</p>	<p>Pin Pitch: 0.65, 0.35</p> <p>Pin Width: 0.90</p> <p>Pin Spacing: 5.9</p>
<p>TSOP-20B</p>	<p>Top View: 6.5 ± 0.3, 4.4 ± 0.2, 0.65, 0.625 MAX</p> <p>Side View: $0.127^{+0.10}_{-0.06}$, 0.5 ± 0.2, 6.4 ± 0.3, $0 \sim 10^\circ$</p> <p>Bottom View: (0.9), 0.10 ± 0.05, 1.1 MAX</p> <p>Bottom View (Bottom View): (4.2), (3.0)</p>	<p>Pin Pitch: 0.65, 0.35</p> <p>Pin Width: 0.90</p> <p>Pin Spacing: 5.9</p> <p>Central Area: 4.20, 3.00</p>

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>TSOP-20D</p>	 <p>6.5±0.3</p> <p>20 11</p> <p>4.4±0.2</p> <p>0.65</p> <p>0.625max.</p> <p>0.10±0.05</p> <p>0.22±0.08</p> <p>1.1±0.1</p> <p>0.15^{+0.10}/_{-0.05}</p> <p>6.4±0.3</p> <p>0.5±0.2</p> <p>0~10°</p> <p>(1.0)</p>	 <p>0.65</p> <p>0.35</p> <p>5.9</p> <p>0.90</p>
<p>TSOP-20E</p>	 <p>6.5±0.3</p> <p>20 11</p> <p>4.4±0.2</p> <p>0.65</p> <p>0.625max.</p> <p>0.10±0.05</p> <p>0.22±0.1</p> <p>1.1±0.1</p> <p>0.15^{+0.10}/_{-0.05}</p> <p>6.4±0.3</p> <p>0.5±0.2</p> <p>0~10°</p> <p>(1.0)</p> <p>Bottom View (3.75)</p> <p>(2.85)</p>	 <p>0.65</p> <p>0.35</p> <p>5.9</p> <p>3.00</p> <p>4.20</p> <p>0.90</p>

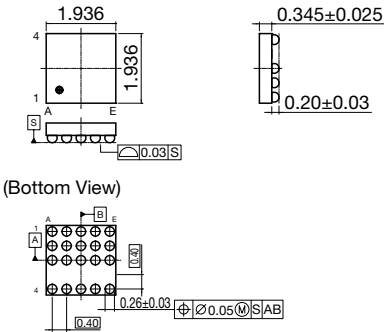
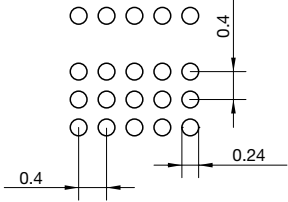
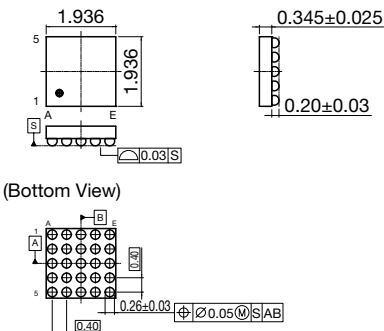
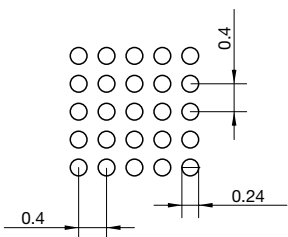
パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>TSOP-20F</p>	<p>6.5±0.3 4.4±0.2 0.65 0.127±0.008 0.6±0.1 6.4±0.3 0-8° 1.0 0.1±0.05 1.20MAX Bottom View (3.99) 0.24±0.05 Φ0.10</p>	<p>0.65 0.40 7.72 5.94 3.00 4.16 1.78</p>
<p>VSOP-8B</p>	<p>2.9±0.1 2.8±0.2 0.65 0.125^{+0.10}_{-0.05} 0.45±0.20 4.0±0.3 0-10° 1.1 1.3max. 0.10±0.05 0.2±0.1 Φ0.12</p>	<p>0.65 3.55 0.95 0.35</p>

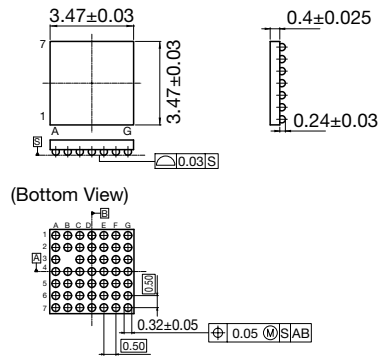
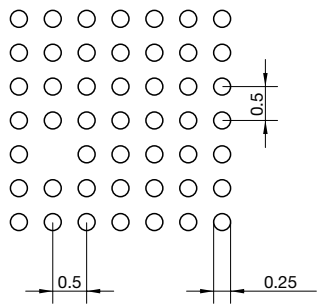
パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>VSOP-8C</p>		
<p>VSOP-8D</p>		

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>WLCSP-20A</p>	 <p>(Bottom View)</p>	
<p>WLCSP-25A</p>	 <p>(Bottom View)</p>	

パッケージ

パッケージ名	外形寸法図	推奨ランド図
<p>WLCSP-48A</p>	 <p>Top View Dimensions: 3.47 ± 0.03 (width) 3.47 ± 0.03 (length) 0.4 ± 0.025 (pitch) 0.24 ± 0.03 (lead length) 0.03 (lead thickness)</p> <p>(Bottom View) 0.32 ± 0.05 (pitch) 0.50 (lead length) 0.05 (lead thickness)</p>	 <p>Land Pattern Dimensions: 0.5 (pitch) 0.25 (lead length)</p>