

The drawing shows the mechanical specifications for the Infineon 6x05 package. The top view (left) shows a rectangular package with a width of 1.392 ± 0.05 mm and a length of 1.964 ± 0.05 mm. An index marking is located in the top-left corner. The side view (middle) shows a maximum height of 0.7 mm and a minimum stand-off of 0.2 mm from the seating plane. The bottom view (right) shows a 2x3 grid of pins with a pin pitch of 0.5 mm. The pin diameter is $\varnothing 0.05 \text{ (M)}$. The distance from the index marking to the first pin is 0.482 mm, and the distance from the last pin to the bottom edge is 0.446 mm. The distance from the index marking to the first pin in the horizontal direction is $2 \times 0.5 = 1$ mm. The distance from the last pin to the right edge is 0.3 ± 0.05 mm. The package is marked with 'Infineon' and '6x05'.

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- A diagram showing a 2x3 grid of circles. The horizontal distance between the center of the first and second circle is 0.5, and the total width of the grid is 1. The vertical distance between the center of the first and second circle is 0.5. The radius of each circle is 0.25.

Diagram illustrating the marking on a component:

- Pin 1 marking (indicated by a circle)
- XXX (Lot code)
- 1234 (Type code)
- □ □ □ (Date code (YYWW))

Technical drawing of a mechanical part with dimensions and an index marking. The drawing shows a side view of a component with a central slot. Dimensions include a total width of 1.49, a central slot width of 0.3, and a distance of 2.06 from the center to the right edge. A dimension of 8 is shown for the total height. An index marking '4' is located at the top center. A cross-section view on the right shows a thickness of 0.8 and a fillet radius of 0.3.