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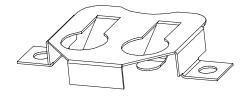
#### www.maxim-ic.com

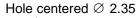
## DS9094SM Surface-Mount <u>i</u>Button Clip

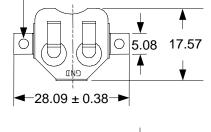
## **FEATURES**

- Compact Single-Piece, All-Metal Clip for <u>i</u>button<sup>®</sup> Mounting
- Lowest Profile <u>i</u>Button Mount
- Made from 0.25mm Thick Tin-Plated Phosphor Bronze
- Withstands High Temperatures Required for Surface Mounting
- Can be Soldered, Riveted, or Screw-Mounted
- Compatible with Leaded and Lead-Free Solder Processes
- Available for F3 and F5 iButton

#### DS9094SM3









All dimensions are in millimeters.

## DESCRIPTION

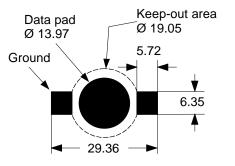
The DS9094SM is a low-cost, surface-mount device that retains a 16.3mm <u>i</u>Button on a printed circuit board. Two springs that double as ground contacts press the <u>i</u>Button to the data pad on the printed circuit board. The <u>i</u>Button can be inserted and extracted without special tools. For best results the data contact on the printed circuit board should be plated with a layer of minimum 0.76µm hard gold over minimum 3.81µm nickel.

### 1 of 1

## **ORDERING INFORMATION**

DS9094SM3+	Clip for F3 iButton
DS9094SM5+	Clip for F5 iButton

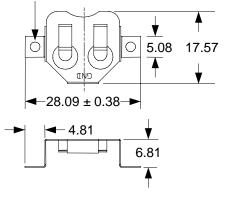
## MOUNTING PAD LAYOUT



DS9094SM5



Hole centered  $\varnothing$  2.35



iButton is a registered trademark of Dallas Semiconductor.