

Product Announcement

## New VBH 2032-1 black

Dear Customer,

As mentioned in our EOL announcement at end of December 2012, our well known VBH2032-1 holder has received an upgrade due to the existing material for the body being unavailable. The new part number is 703384.

### New Features

- Change in the material of the body
- Flame retardant Polyamide material has been replaced by a **high performance** flame retardant Polyamide
- Improved mechanical performance in humid environment
- Lead-free reflow solderable

If you would like more information, please contact our sales department at +41 (0)61 975 75 75 or at [sales@renata.com](mailto:sales@renata.com).



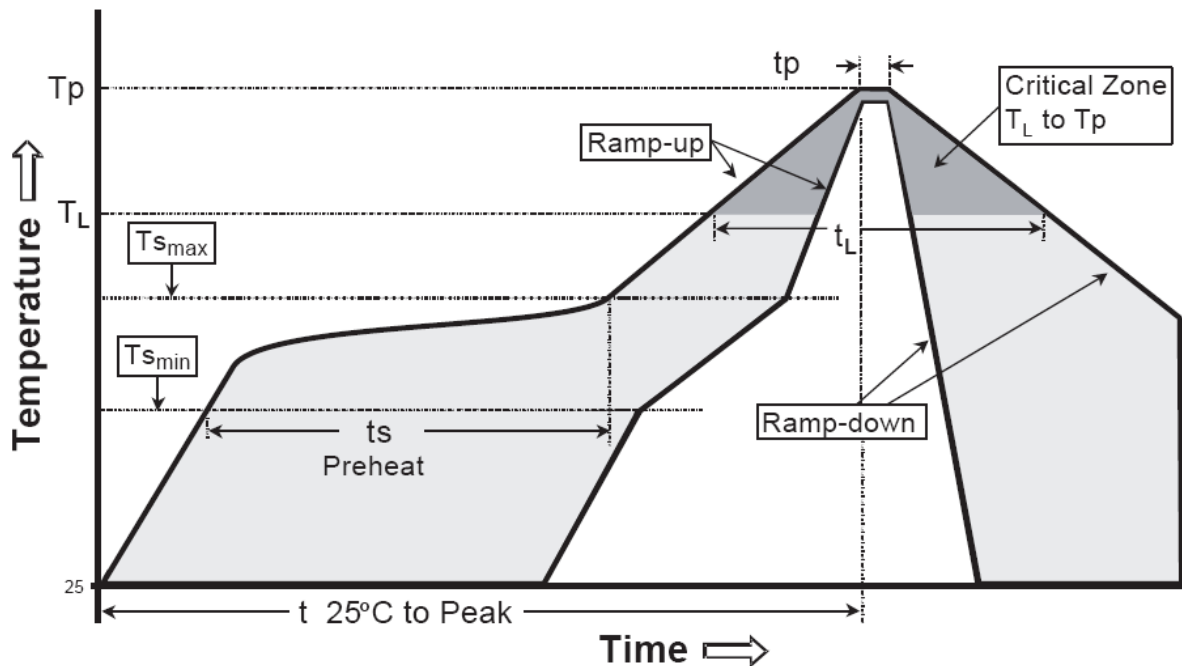
## RENATA battery holders for lead-free reflow soldering

All RENATA battery holders with the suffix **-LF** and also VBH2032-1 are suitable for lead free soldering.

Renata conventional holders, NH, NL are suitable for the wave- and hand soldering process only.

The HU-, SMTU- and VBH2032-1 “black” types are suited as well for the lead-free reflow soldering process in accordance with the profile of JEDEC standard (J-STD 020C):

Soldering Profile (J-STD 020C) for HU, SMTU and VBH2032 black holders:



average ramp-up rate ( $T_{Smax}$ to $T_P$ )	3°C/second max.
preheat temperature ( $T_{Smin}$ , $T_{Smax}$ )	150°C, 200°C
preheat time ( $t_{Smin}$ to $t_{Smax}$ )	60-180 seconds
time maintained above temperature ( $t_L$ , $T_L$ )	60-150 second, 217°C
peak temperature ( $T_P$ )	250°C
time within 5°C of peak temperature ( $t_p$ )	20-40 seconds
ramp-down rate	6°C/second max.