VISION DESIGN KIT

New product

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CASE STUDY PRODUCT DESIGN

Designing the case of a temperature sensor on behalf of an Italian start-up, first product launched on the market by the company.

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PROJECT BRIEF

Design a new case to house a remote temperature sensor. The latter will contain a pcb and a battery inside.

INNOVATION

- smaller size
- case optimization for an easier printing
- LED lighting system

RECOGNIZABILITY

- impactful design
- home decor
- new brand identity

FUNCTIONALITY

- easier maintenance
- Internal components accessibility
- Construction simplicity
- Cost reduction

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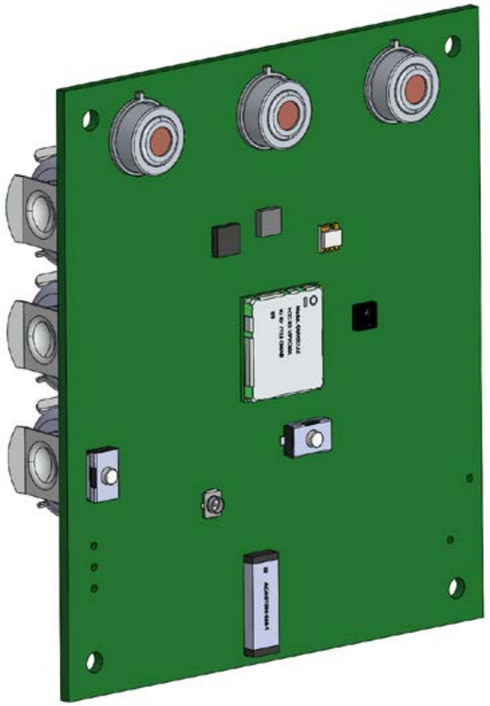
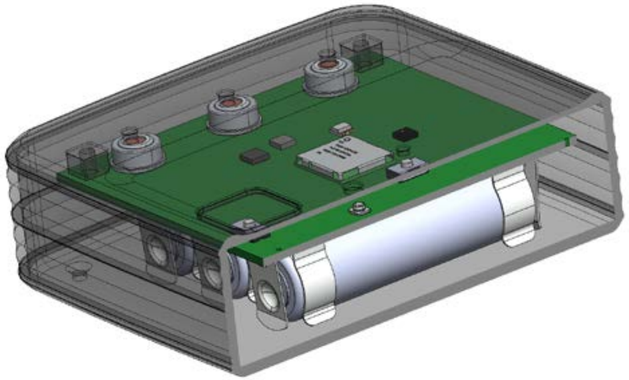
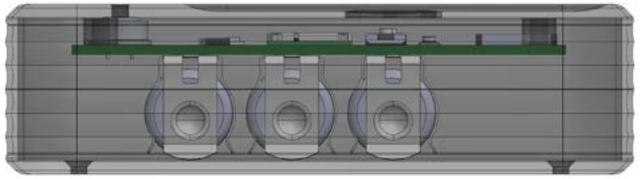
PROJECT CONSTRAINTS

The constraints of this project are certainly given by the printed circuit. The latter in fact delimits the maximum dimensions of the object, the openings for the connectors, LEDs and buttons.







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MOODBOARD

Minimal design - Simplicity and details - Pure surface

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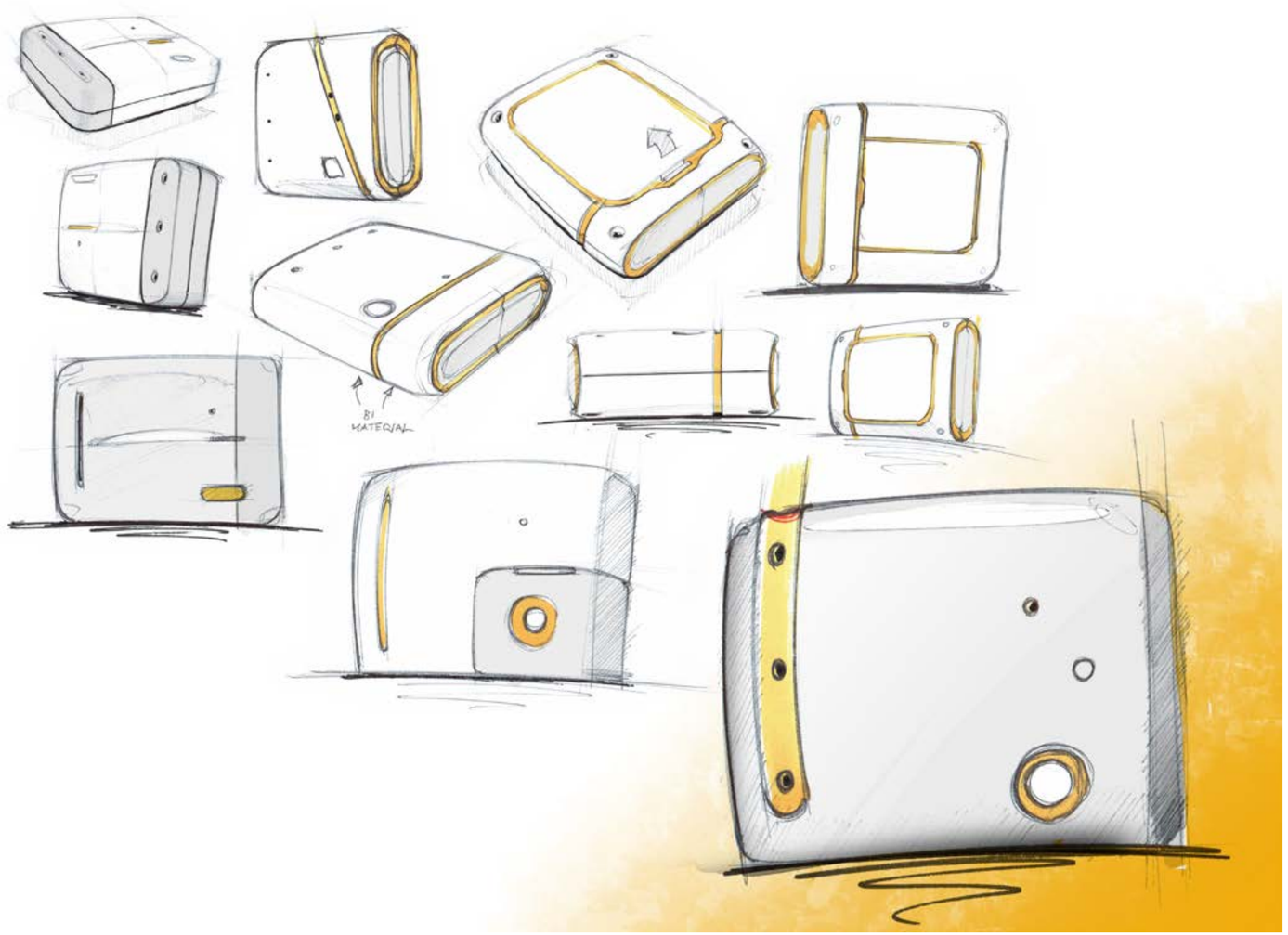
SKETCH
RESEARCH



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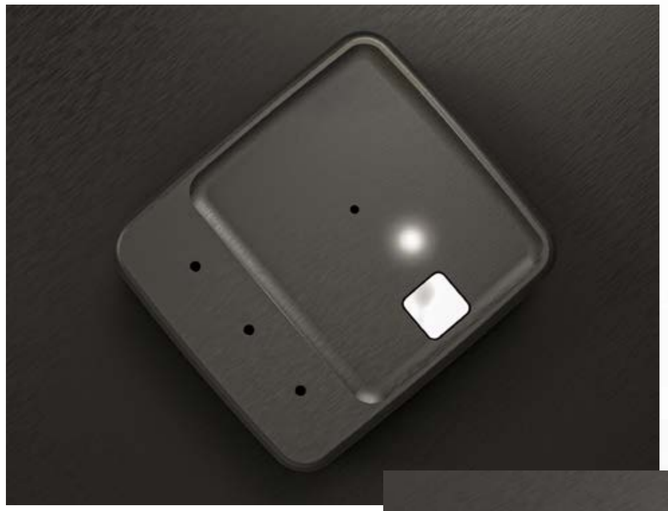
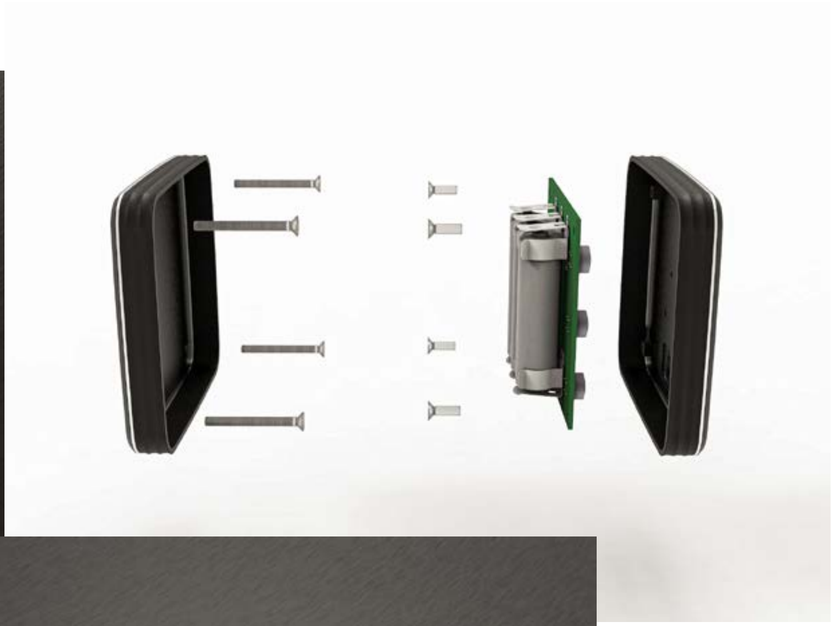
DEFINITIVE CONCEPT





HAVE A LOOK WHAT'S BEYOND THE DESIGN KIT AND LEARN MORE ABOUT THE EXECUTIVE DESIGN PROCESS OFFERED BY

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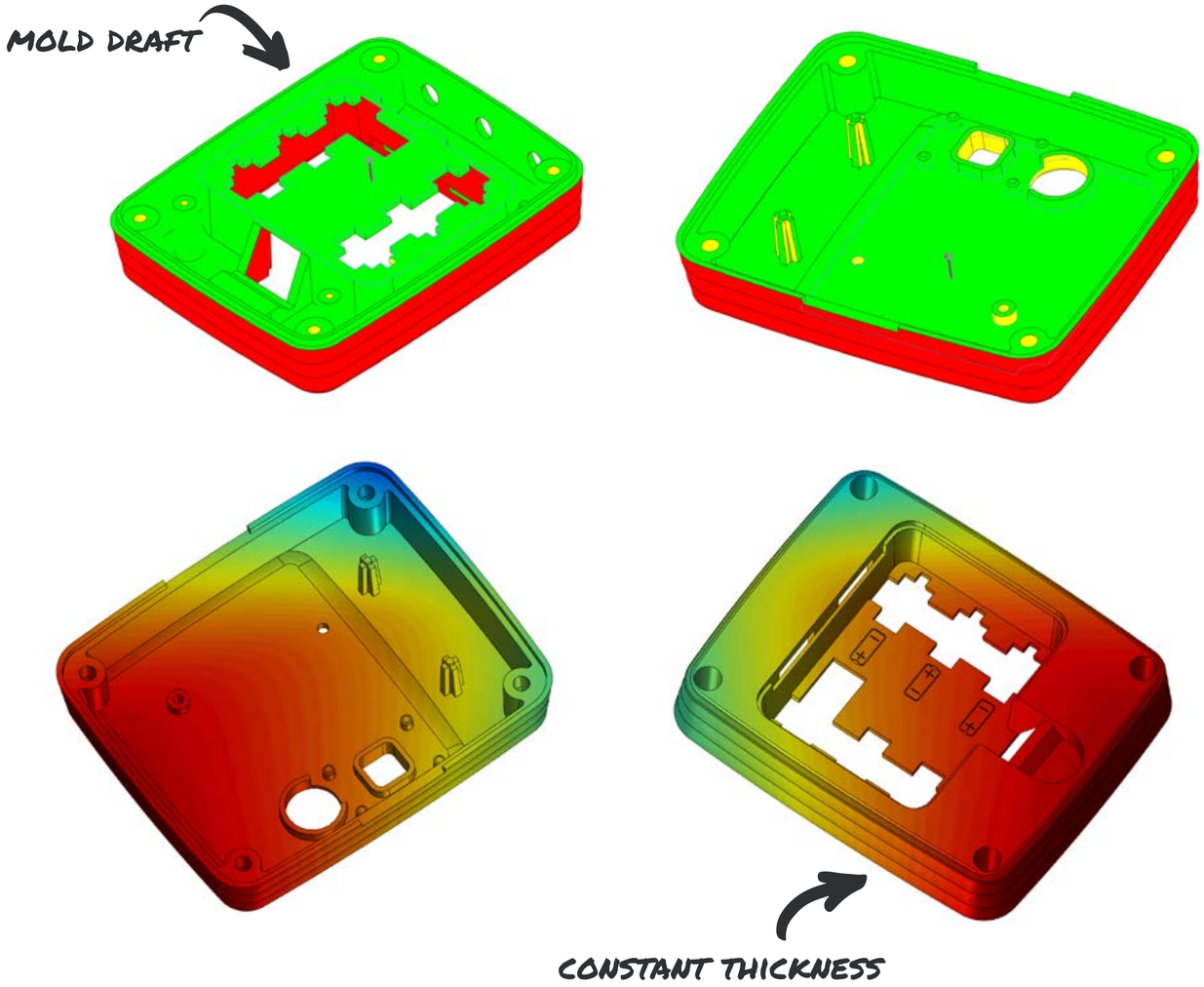
ENGINEERING

During the concept phase we are however influenced by an engineering approach. This is because once the creative process is finished, the object will have to be made concrete. For this reason, design decisions are also made on the basis of the expected or required technology, in this case injection molding.



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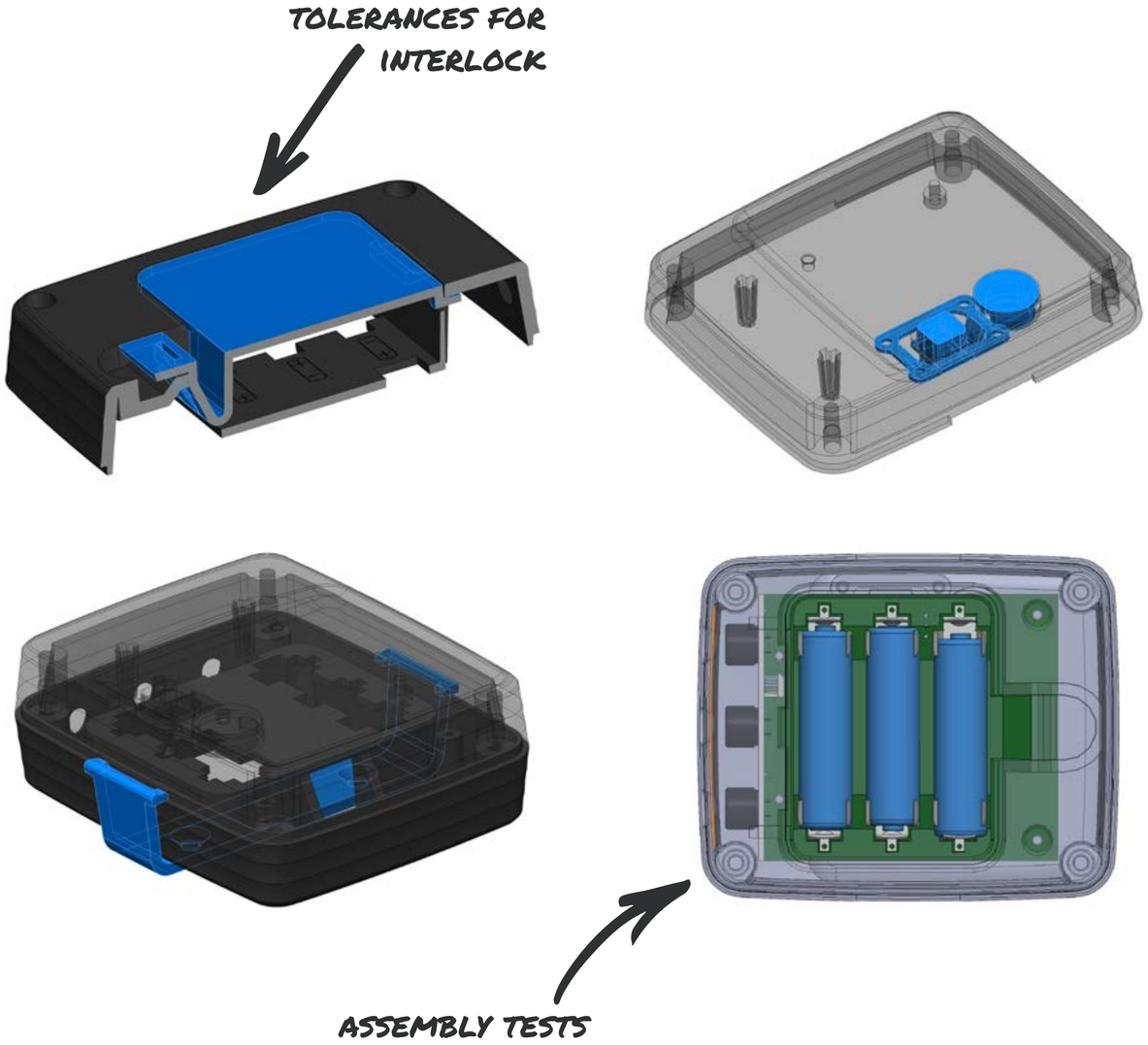
ENGINEERING

All the details and tricks are developed in view of the prototype production (3D printing) or in series (injection printing). This is to have a product as close as possible to the final both in terms of style and cost estimates.



THANKS FOR YOUR ATTENTION

CONTACT US:
EPING SRL.
VIA G. VILLANI
MONTALE (PC) ITALY 29122
+39 0523 594035
SALES@EPING.IT
WWW.EPING.IT