

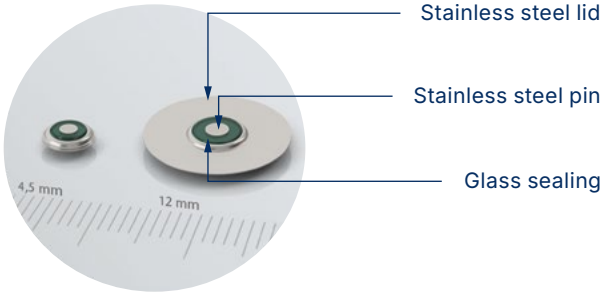
SCHOTT MiniCaps®

Enabling completely new microbattery packaging designs

SCHOTT MiniCaps® lids are miniaturized, super slim and robust.

With their extremely flat design, SCHOTT's microbattery lids create extra space for more electrolyte in the cells compared to conventional polymer-sealed lids.

This allows battery cell manufacturers to design tiny and robust cells with extended battery runtimes for use in wearables, such as wireless earbuds, AR glasses, fitness trackers, as well as in medical and industrial applications.



Extremely flat lid design (0.4 mm or less)

Thinner and mechanically more robust than today's standard

Creates extra space for more electrolyte

Longer battery runtime

High temperature resistance

From -40° C to over 125° C

Electrolyte resistant glass sealing

Reliably encapsulates the lithium-ion battery chemistry



For coin cells



For pin-type microbatteries



Customized lid diameters

Glass-to-metal sealed lids for lithium batteries

For decades, glass-to-metal sealed lids are used as the standard housing technology for high quality and high volume automotive lithium primary batteries as well as industrial grade lithium-ion batteries. SCHOTT MiniCaps® for microbatteries incorporates a proprietory technology based on SCHOTT's experience in glass-to-metal sealing for more than 80 years.

schott.com/minicaps

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