

# SCHOTT GTAS® Hermetic Battery Connectors

Reliable, long-lasting protection from cooling liquids



## High mechanical robustness

- Rugged design based on compression sealing technology
- High pressure resistance
- GTAS® glass-to-aluminium seals or GTMS glass-to-metal seals with stainless steel



## High chemical resistance

- Non-aging, inorganic sealing material
- Maintains hermeticity on cell level for years ( $10^{-8}$  mbar  $\times$  l/s helium-tightness)
- Suitable for liquid immersion-cooled battery systems



## High temperature resistance

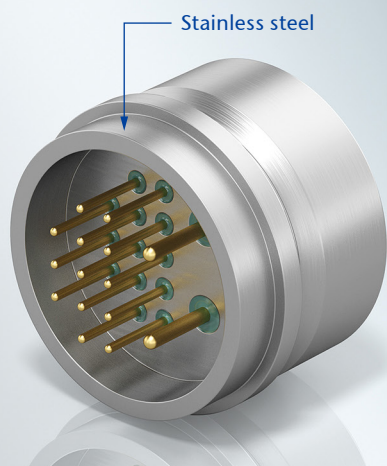
- From -40°C to over +125°C thanks to glass-sealed battery terminals



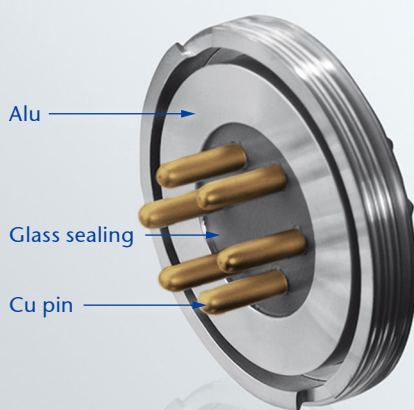
## Easy to recycle

- Only glass and metals
- Lead-free
- Aluminium and/or copper or stainless steel

Multi-pin GTMS connector



High power connector



Multi-pin connector



## Rugged automotive battery lids

For decades, glass-to-metal sealed (GTMS) lids have been 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 GTAS® / GTMS for Lithium-Ion batteries is a proprietary technology based on SCHOTT's expertise in glass-to-metal sealing since 1939.

Specialty glass

Aluminium or copper pin

Aluminium can

