

Reliably leak-tight and rugged battery connectors, suitable for ultrafast charging

SCHOTT GTAS® High- and Low-Power Battery Connectors for Liquid Immersion Cooled Systems

Liquid immersion cooled systems require battery connectors with a very high chemical resistance to maintain their leak-tightness over the lifetime of the battery module without corrosion.

Since SCHOTT GTAS® battery connectors are based on a proven non-aging and inorganic sealing technology, they can offer exactly this: reliable, leak-tight performance for years, even for small pin pitches.

This sealing technology is a proprietary glass-to-aluminum or glass-to-metal sealing based on our 40 years of experience in designing rugged, high-volume automotive feedthroughs and battery components.



High mechanical robustness

- Rugged design based on compression sealing technology
- High pressure resistance



High chemical resistance

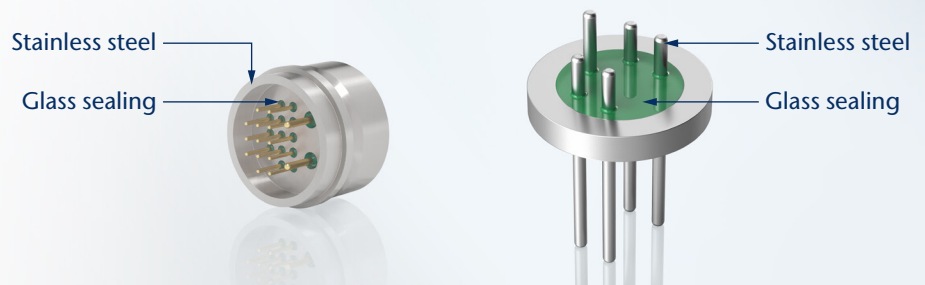
- Non-aging inorganic sealing material
- Proven resistance to standard cooling liquids and electrolytes (e.g. NMC, LFP)



High temperature resistance

- From -40°C to over +150°C thanks to glass-sealed battery terminals
- Suitable for ultrafast charging

Multi-pin glass-to-metal sealed (GTMS) connectors



We are certified

SCHOTT develops and manufactures custom-sized battery lids and connectors for automotive and industrial applications. SCHOTT battery lids and connectors are produced in production facilities that are certified according to: IATF 16949 corresponding to QS 9000/VDA 6.1, ISO 9001 and ISO 14001.

schott.com/gtas

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SCHOTT
glass made of ideas