

ASSMANN WSW – BATTERY CONNECTORS

PCB connectors for coin cells and Mignon batteries

Batteries offer the possibility of a self-sufficient power supply for various end devices in industry, commerce and for use in private households.

ASSMANN WSW manufactures a wide range of PCB connectors for different battery sizes under the product name „battery connectors“.

These connectors are mainly used for standby applications, which are independent from mains power for a long period of time, e.g. measuring devices, weather stations or computer peripherals.

Developers and designers can find the right PCB connector for various connection technologies and assemblies in our range. This covers contacts for single poles as well as versions with insulating housing that can hold the battery in place.

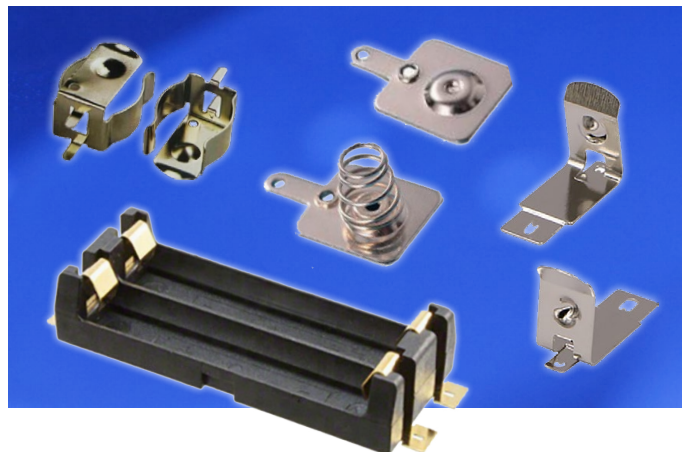
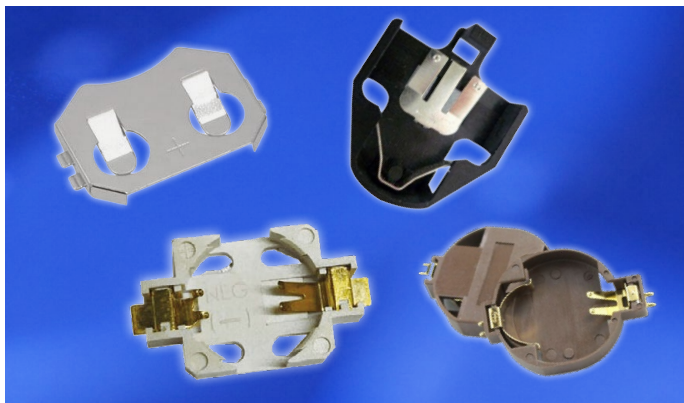
Beyond the standard product range, there is the possibility to adapt the products to specific applications or to design and manufacture a completely new PCB connector.

Benefit from our wide range of standard products and our high level of vertical integration to find the suitable battery connector for your application.

- Secure hold and a reliable connection
- Straightforward, quick battery exchange
- Wide product range for common battery types
- SMT reflow or THT through hole assembly
- Cost-efficient realization of individual solutions
- High level of vertical integration allows customer specific surfaces, contact geometries and housing customization



CONNECTORS



BATTERY CONNECTORS FOR COIN CELLS AND MIGNON BATTERIES

Fixtures for coin cells

Product group	Battery connector
Type	Coin cell
Contacting	THT, THR, SMT
Contact material	Brass (CuZn)
Contact direction	Straight, angled
Contact surfaces	Gold, Tin, Nickel
Insulating material	PBT, Nylon
Voltage	1.35V to 3.0V
Contact resistance	≤30mΩ
Insulation resistance	>1000MΩ
Operating temperature	-55°C to +105°C
Packaging	Tray, Tape & Reel, PE bag

Fixture for Mignon batteries

Product group	Battery connector
Type	Mignon battery
Contacting	THT, THR
Contact material	Brass (CuZn)
Contact direction	Angled
Contact surfaces	Gold, Tin, Nickel
Insulating material	PBT, Nylon
Voltage	1.35V to 3.0V
Contact resistance	≤30mΩ
Insulation resistance	>1000MΩ
Operating temperature	-55°C to +105°C
Packaging	Tray, Tape & Reel, PE bag

Suitable for common batteries

Coin cells	CR134A, CR1225, CR1632, CR2032, CR123A, CR1/3N, CR1220, CR1620, CR2016, CR233, CR2430, CR245
Mignon batteries	AA, AAA, LR03, LR06



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