

Gecko-SL Metal Backshells

Wire-to-Board miniature connector accessories

Connector enhancements for existing and new build RFI solutions

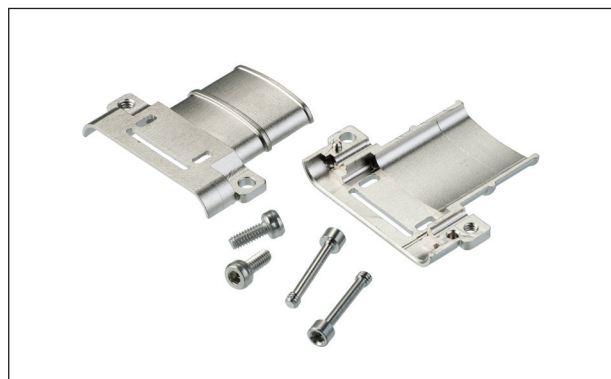
The existing Gecko-SL range combines the miniature yet powerful 1.25mm pitch connector system with the ease and strength of Screw-Lok (SL) jackscrew fixings. The range is enhanced with a metal backshell range to provide EMI / RFI screening and mechanical strength.

The metal backshells for cable are a 2-part design, which can be easily fitted after the cable assembly construction – even as an additional design improvement after manufacture. The design is compatible with both male and female cable connector housings, with the addition of long screw-loks for use with the female connectors. There is also an additional PCB backshell, compatible with board-mount or panel-mount male connectors.

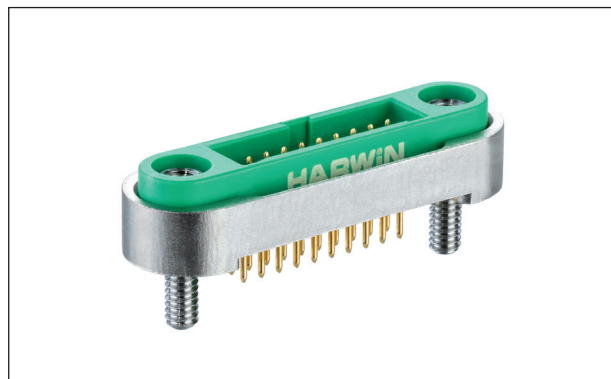
These fully machined metal backshells are made from aluminium alloy with electroless nickel plating. They suit most applications and offer significant cost savings over comparable Micro-D options.



Gecko-SL Cable Assembly with metal backshells and braid



Female Cable Metal Backshell Kit, with screw-loks



Metal Backshell for PCB mount, with male connector

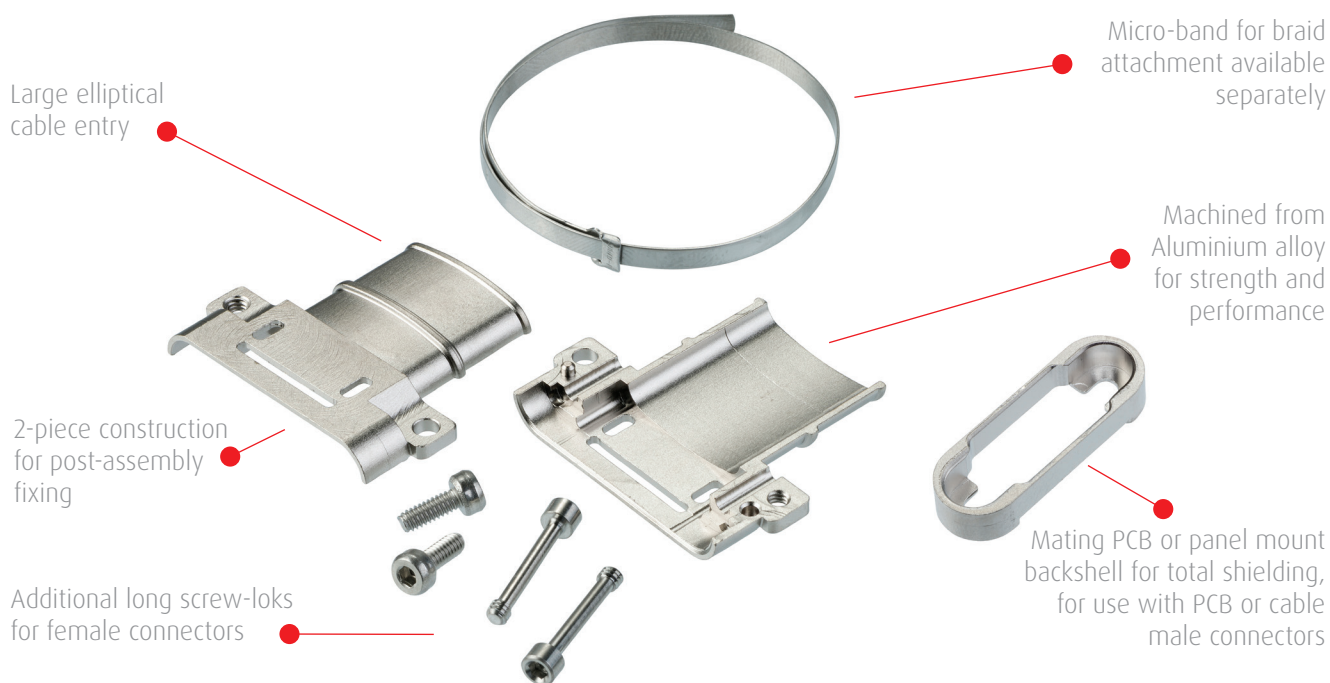
Features and Benefits

Cable-to-board and panel mount options	Wide range of products to support a broad spectrum of customers and applications
Gecko-SL metal backshells are machined from aluminium alloy billets	This construction ensures reliability, strength and performance
Braid retention feature at cable entrance	Suitable for metallic and non-metallic conductive braids
Overall screen termination by stainless steel micro-band (available separately)	Ensures electrical and mechanical longevity and security
2-piece cable backshell construction	Can be assembled at any time after the manufacture of the cable assembly, including rework
PCB or panel mount backshell	Fully shielded mated connections available for both cable-to-board and cable-to-cable

Key Applications

Aviation	Avionic controls, guidance systems, UAVs, engine controls, radar and tracking
Motorsport & Transport	Navigation, AI, GPS and tracking equipment, communications and telemetry, ERS controls, E-Vehicle inverters and battery management
Space	Satellites & CubeSats, radar, communications, launch systems
Defense & Security	UAVs, UUV and other ROV, ground communications, handheld portable equipment, rugged vehicle electronics
High-End Industrial	Portable equipment, high vibration and robotics systems

Product Features



How to Order

No. of contacts	Female Cable Backshell	Male Cable Backshell	Male PCB/Panel Backshell
6	G125-96406F1	G125-9640600	G125-9600602
10	G125-96410F1	G125-9641000	G125-9601002
12	G125-96412F1	G125-9641200	G125-9601202
16	G125-96416F1	G125-9641600	G125-9601602
20	G125-96420F1	G125-9642000	G125-9602002
26	G125-96426F1	G125-9642600	G125-9602602
34	G125-96434F1	G125-9643400	G125-9603402
50	G125-96450F1	G125-9645000	G125-9605002

Micro-band

Order Code	Length
M80-9470000	206.8mm
M80-9480000	362.0mm

For fixing braid to rear collar.
(requires Tie Dex II A30199 Micro Band tool).

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