

AS Micro Xtra^{Lite} HE

Following the Micro UltraLite HE connector range, Deutsch UK have introduced a new evolution of Motorsport Micro connectors - the AS Micro XtraLite HE. The smallest diameter, lightest AS connector, this new connector offers a solution where space is at it's most restrictive.



Features

- Ultra Compact Design (Size 2 shell)
- 6 Size #24 contacts
- Positive Locking Coupling Mechanism
- Conductive Black Zinc Finish
- Interfacial Wire Sealing
- High Conductivity Crimp Type Solid Contacts
- Boot Termination Feature
- Ultra Light Weight
- Gold-Plated crimp contacts
- 6 Keyway orientations
- Scoop proof interface
- PCB option

Benefits

- Minimum Space Envelope
- Lighter than ASU
- Small across coupling ring than ASU
- No need for Backshells for Boot Termination
- Visual indication of Keyway Orientation of Connector
- Suitable for Blind Mating
- Integral Environmental Wire Seal
- Suitable for sensor applications
- Front loaded insert to prevent retention failure
- Bonded and sealed insert to prevent moisture ingress

General Specification

Materials:

Shell/Coupling ring: High Strength Aluminium alloy Black Zinc Finish

Contacts: Copper alloy Gold plated

Insulators: Thermoplastic

Interface / Wire seals: Fluorinated Silicone

Dielectric Withstanding Voltage: Current leakage less than 2 milliamps at 1500 VAC.

Temperature: Operating at temperatures from -55°C to +170°C*.

Durability: No electrical or mechanical defects after 500 cycles of engagement or disengagement.

Contact Current Rating:

Contact Size #24 Max. Current 3 amps

Water Immersion: IP67 rating - 1 metre for 30 mins minimum

Wire Sealing: Connector rear sealing grommets are designed to seal on wires having overall insulation diameters within the following range:
Min. (mm): 0.76 Max. (mm): 1.37

* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current. Contact Deutsch for more detail of specific products to meet your sealed electrical connection requirements.

Boot Information

	Straight	90 degree
Raychem	203W301-25-G02	223W601
Hellermann	1037-4-G	1182-4-G

Tooling: For standard crimp tool and contact data see ASU details, page 15 of the Autosport catalogue.

