

Autosport Ultra^{Lite} HE

The first of a new technology in connector design, the new 5 way connector using the same shell as the popular Autosport Ultra^{Lite}. Now it is possible to use 5 wires in the smallest, lightest package in racing. This connector introduces a new size contact in line with racing teams now using smaller wire sizes.

FEATURES

- Ultra compact design (size 3 shell)
- 5 unique size #24 contacts
- Positive locking coupling mechanism
- Conductive black zinc finish
- Interfacial wire sealing
- New high conductivity crimp type solid contacts
- Boot termination feature
- Ultra light weight
- 6 keyway orientations
- In-line and 2 hole mounting styles
- Scoop proof interface
- PCB option

BENEFITS

- Minimum space envelope
- 30% lighter than ASL (mated pair)
- 17% smaller dimension on coupling ring than ASL
- 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



GENERAL SPECIFICATION

Supplied complete with crimp contacts & insertion/extraction tool

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	Max. Current
#24	3 amps

Water Immersion:

IP67 rating - 1 metre for 30 mins minimum

Fluid Resistance:

Connectors show no damage when exposed to most fluids used in most motorsport applications.

Wire Sealing:

Connector rear sealing grommets are designed to seal on wires having overall insulation diameters within the following range:

Min. (mm): 0.60 (AWG 30)

Max. (mm): 0.83 (AWG 24)

Contact Deutsch for more details of specific products to meet your sealed electrical connection requirements.

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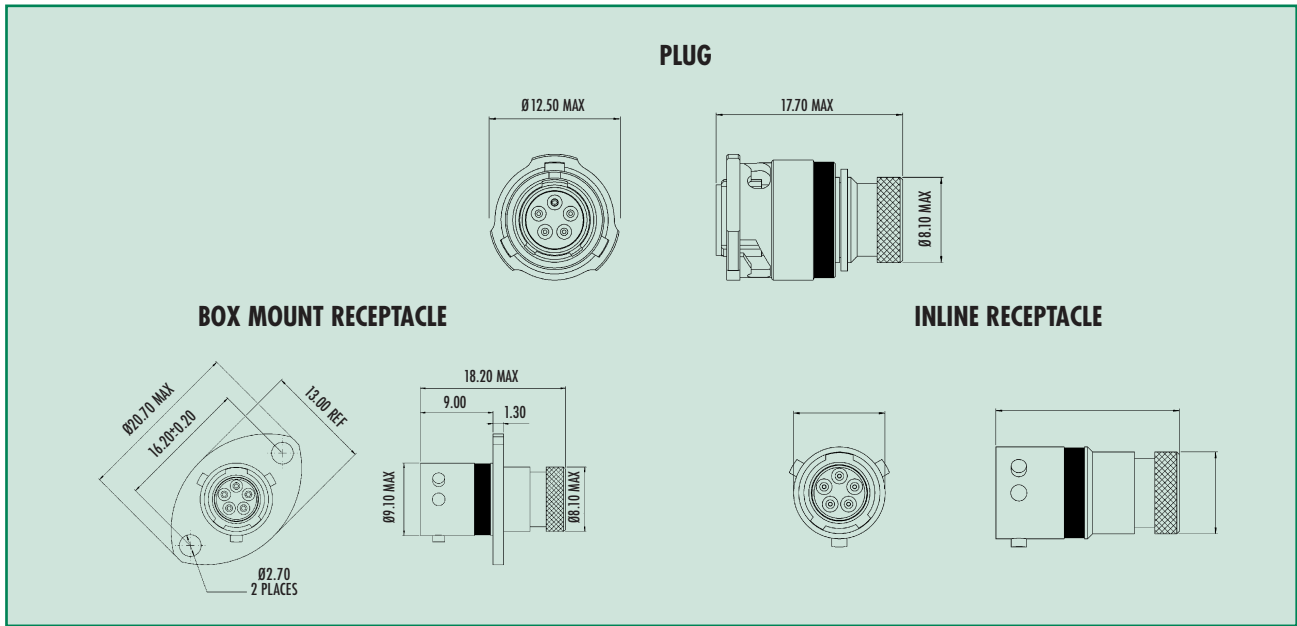
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DEUTSCH
AUTOSPORT LTD



Contact Size	Socket	Pin	Filler Plug	Ins/Ext Tool	Crimp Tool	Pin Positioner	Socket Positioner
24	605704	605705	600300-24	605837	M22520/2-01	605839	605840

ORDERING INFORMATION

ASU * 03 - 05 - * * - ***

Range Ref: _____

Style: _____

0 = 2 Hole Flange Receptacle
 1 = Inline Receptacle
 2 = 2 Hole Flange Receptacle with PCB contacts
 6 = Free Plug

Shell Size: _____

Contact Arrangement: _____

Insert Type: _____

P = Pin
 S = Socket

Keyway: _____

N
 A
 B
 C
 D
 E
 U

Modification Code: _____