

**NEW  
6 WAY  
VERSION**

**FOR MORE INFORMATION**

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# Autosport Connectors **AS Micro Xtra<sup>LITE</sup> HE**

[www.deutsch.net/autosport](http://www.deutsch.net/autosport)

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1-1773713-7 AS Micro Xtra<sup>LITE</sup> HE

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Consult TE for the latest dimensions and design specifications.



DEUTSCH



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**Ultra Compact Design (Size 2 shell)**

- Minimum space envelope
- 6 Size #24 contacts
- PCB option
- Smaller and lighter than AS Ultra<sup>LITE</sup> (ASU) series connectors

**Easy Installation**

- Positive locking coupling mechanism
- Suitable for blind mating
- Scoop proof interface
- Boot termination feature

**Built to Withstand Harsh Environments**

- Conductive black zinc finish
- Interfacial wire sealing
- Gold-plated crimp contacts
- Bonded and sealed insert to prevent moisture ingress

**Introduction**

Following the Micro Ultra<sup>LITE</sup> HE connector range, TE Connectivity (TE) has introduced a new evolution of autosport micro DEUTSCH connectors - the AS Micro Xtra<sup>LITE</sup> HE. As the smallest diameter and lightest AS connector available on the market, this connector offers a solution where space is at its most restrictive.

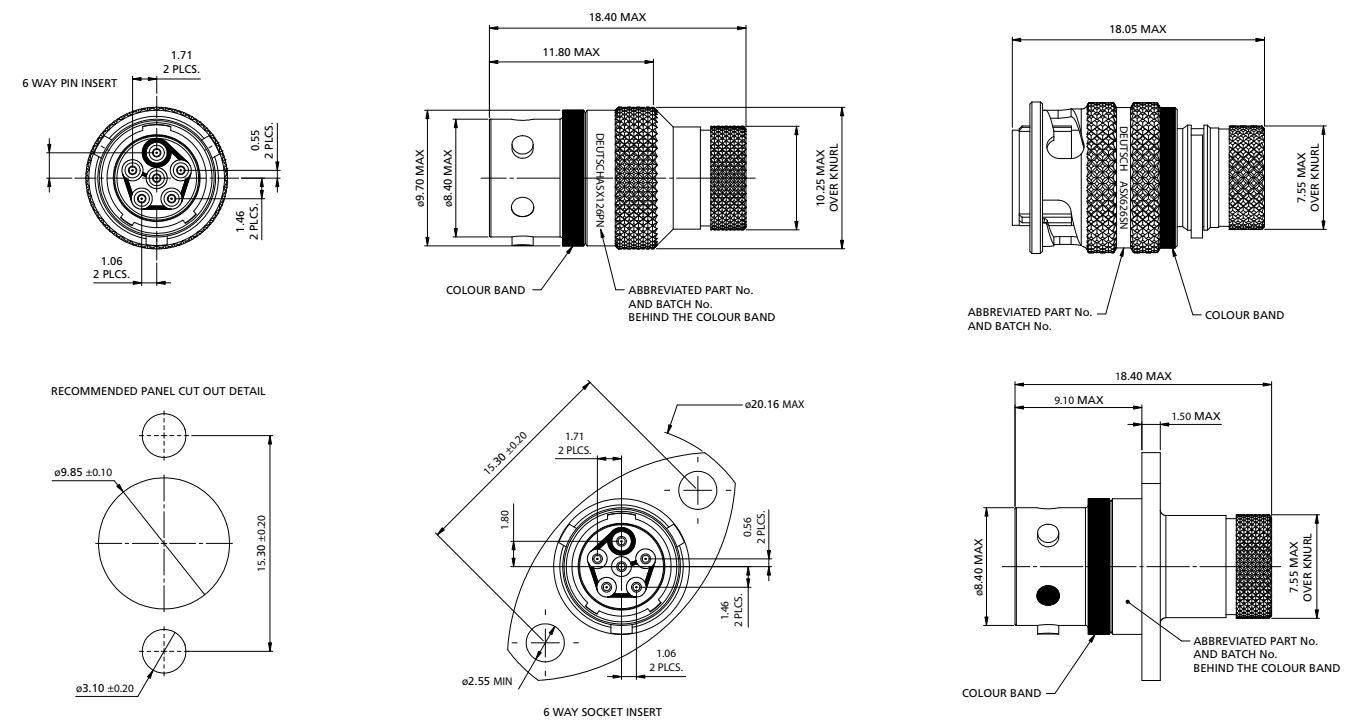
**MATERIALS**

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:	Approved for up to 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
Tooling:	For standard crimp tool and contact data , refer to AS Ultra <sup>LITE</sup> connectors (ASU) pages in INTERCONNECTION SOLUTIONS brochure.

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

Part Number	
Nut Plate	Gasket
ATM396-2	GV-2

\* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current. Contact TE DEUTSCH Technical Support (back cover) for more detail of specific products to meet your sealed electrical connection requirements.



**Ordering Information**

Range Ref: \_\_\_\_\_ ASX \* 02 - \*\* \* \* \*\*

Style: \_\_\_\_\_  
 0 = 2 Hole Flange Receptacle  
 1 = Inline Receptacle  
 2 = 2 Hole Flange Receptacle with PCB contacts  
 6 = Free Plug

Shell Size: \_\_\_\_\_

Contact Arrangement: \_\_\_\_\_  
 06

Insert Type: \_\_\_\_\_  
 P = Pin  
 S = Socket

Shell Keyways: \_\_\_\_\_  
 N = Red (standard)  
 A = Yellow  
 B = Blue  
 C = Orange  
 D = Green  
 E = Grey  
 U = Violet  
 U = (U = Universal for test harnesses)  
 (Plug type 6 only)

Modification Code: \_\_\_\_\_