

The last of the initial release Double Density, the new size 8 shell with 11 contacts is now available. These tried and tested size #24 contacts are designed for the latest generation in wire and are fully re-workable.

Close to double density in contacts per single connector shell than standard Autosport connectors. This increased density allows design engineers much more scope in design flexibility when considering cable infrastructure.

FEATURES

- 11 Unique Size #24 removable contacts
- Standard AS size 8 shell
- Positive Locking Coupling Mechanism
- Conductive Black Zinc Finish
- Interfacial Wire Sealing
- New Crimp Type Solid Contacts
- Boot Termination Feature
- 5 Keyway orientations
- In-line and 2 hole mounting styles
- Scoop proof interface
- PCB option

BENEFITS

- Minimum Space Envelope
- Allows a saving of 2 shell sizes relative to regular Autosport planforms
- Almost doubles number of contacts compared to a regular Autosport size 8 shell
- No need for backshells for Boot Termination
- Suitable for Blind Mating
- Integral Environmental Wire Seal
- Suitable for sensor applications

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GENERAL SPECIFICATION

Supplied complete with crimp contacts & insertion/extraction tools

Materials:

Shell/Coupling ring:	High Strength Aluminium Alloy Black Zinc Finish Optional Nickel Finish (Rohs compliant)
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 +175°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)

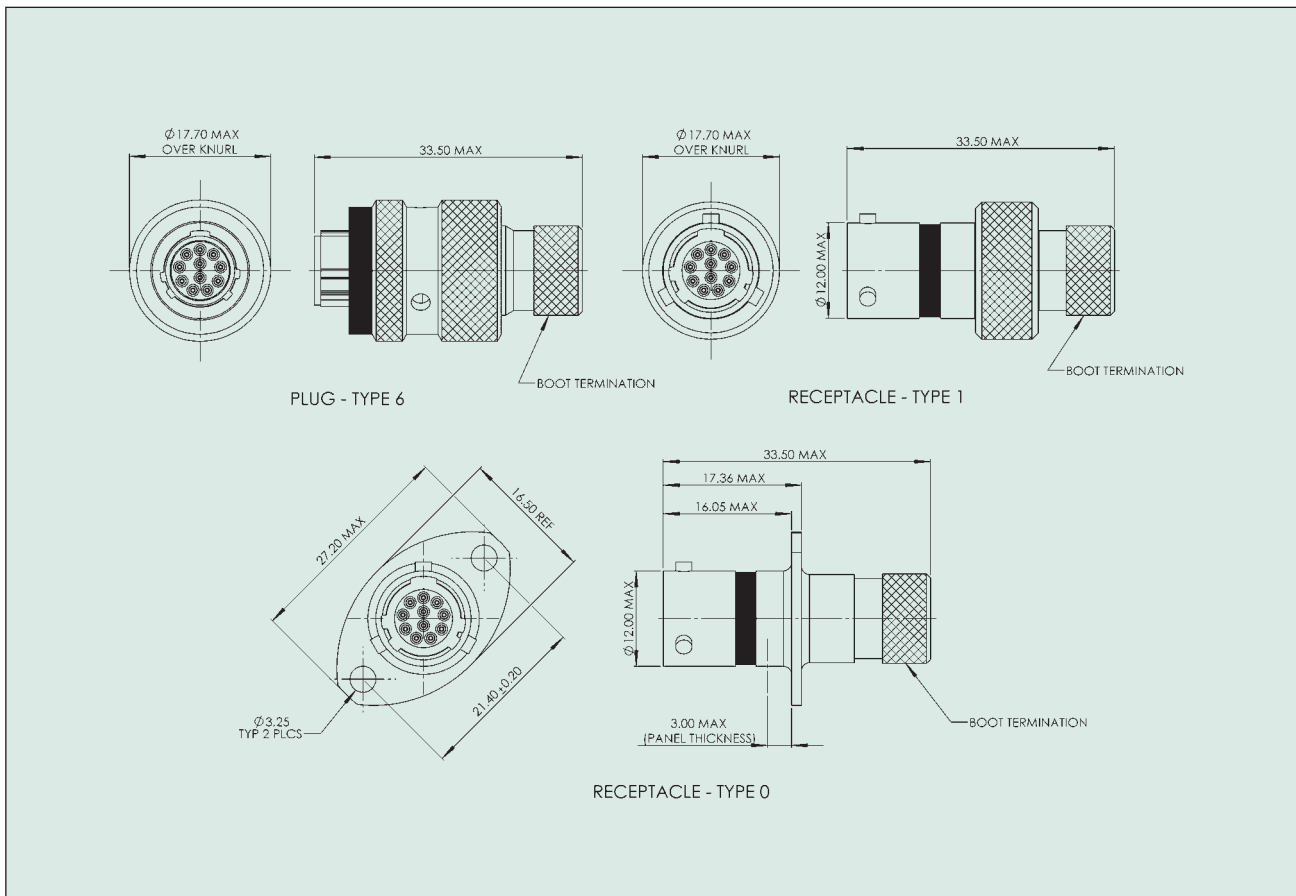
Contact Deutsch for more detail of specific products to meet your sealed electrical connection requirements.



DEUTSCH
AUTOSPORT LTD

AUTOSPORT DOUBLE DENSITY: TECHNICAL INFORMATION

CONTACT SIZE	SOCKET	PIN	FILLER PLUG	INS/EXT TOOL	CRIMP TOOL	PIN POSITIONER	SOCKET POSITIONER
24	605721	605719-31	600300-24	605837	M22520/2-01	610286	610287



ORDERING INFORMATION

Range Ref: ASDD * 8 - 11 - * * - ***

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

Modification Code: _____

Information on boots, nut plates and pro-caps can be found in the Autosport Catalogue