AS MINI SERIES

Developed by Deutsch from the success of the standard AS and the AS Micro HE Series, the new Mini bridges the gap between the existing Standard Series (Size 8) and the Micro (Size 6) offering a 6-way and 3-way connector with 3 shell styles.

This connector has been developed to meet the demanding environment of the motorsport industry. Deutsch's dedicated autosport division is on hand to help specify individual customer requirements.

FEATURES

- Compact design
- Cable accommodation 20, 22, 24 & 26 AWG (See insert arrangements)
- Positive locking coupling mechanism
- Conductive black zinc finish
- Interfacial and wire sealing
- Shell to shell grounding
- Integral screen/boot termination feature
- In-line and two hole mounting styles
- Environmentally sealed
- Gold-plated crimp contacts
- **3 Keyway orientations**

BENEFITS

- Compact design Minimum space envelope
- No need for backshells
- Cost effective
- Screening braid and boot can both be fitted
- High quality plating enhances durability and appearance of connector
- Wisual indication of keyway orientation of connector
- Uses standard crimp tooling
- Suitable for blind mating

INSERT ARRANGEMENTS





07-98 Size 7 3#20 07-35 Size 7 6#22

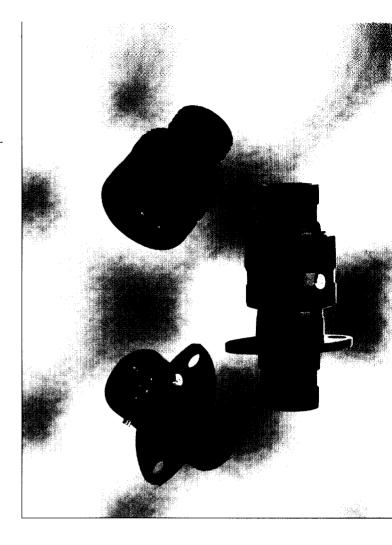
1800 volts AC rms

1300 volts AC rms

Cable Accommodations

20, 22, 24

22, 24, 26



GENERAL SPECIFICATION

Standard Connector

Supplied complete with crimp contacts and insert/extraction tools

Materials

Shell/Coupling ring: Aluminium alloy. Black Zinc finish

Contacts:

Copper alloy. Gold plated

Insulators:

Thermoplastic

Interface/Wire seals: Fluorinated silicone

Wire Sealing

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

Contact Size	22	20		
Min (mm)	0.76	1.02		
Max (mm)	1.37	2.11		

Dielectric Withstand Voltage

This is dependent on the spacing of the contacts within the insert layout. See insert arrangements.

Contact Rating and Wire Acceptance

Contact Size	22	20		
Current Rating	5 Amps	7.5 Amps		
Conductor Diameter	0.4mm² max	0.6mm² max		

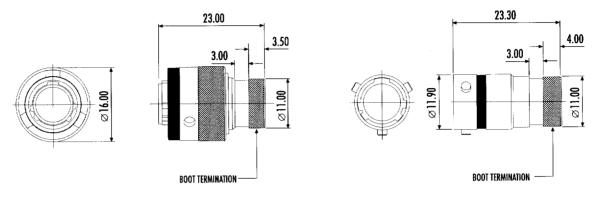
Temperature Rating -55°C to +175°C*

*The upper limit is the maximum internal hot-spot temperature resulting from the combination of ambient temperature and heating due to current.



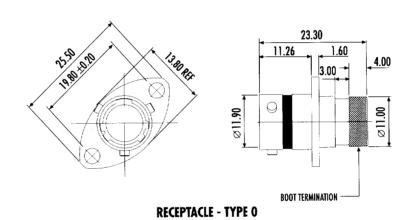
AS MINI SERIES: CONTACTS, TOOLING AND FILLER PLUGS

CONTACT	ONTACT PART NUMBERS						
SIZE	SOCKET	PIN	FILLER PLUG	INS/EXT TOOL	CRIMP TOOL	PIN POSITIONER	SKT POSITIONER
22	604887-22	38941-22	600300-22	M81969/14-01	M22520/2-01	M22520/2-09	M22520/2-07
20	604887-20	38941-20	600300-20	M81969/14-10	M22520/2-01	M22520/2-10	M22520/2-10



PLUG - TYPE 6

INLINE RECEPTACLE - TYPE 1



ORDERING INFORMATION

	AS	*	07	_	**	*	*	***
Range Ref:	and the control of th		1				Wasan and a second a second and	100
Style 0 = 2-hole flange receptacle 1 = Inline receptacle 6 = Free plug			Annual de la caracterior de la constanta de la				artifelijadija sisjalitikjamatjera i socialis.	en en demonstration out volume property
Shell Size					and the same of th	i.		
Contact Arrangement:						Tanaharan a		
Insert Type: P = Pin S = Socket	principality of the accompany of the contract	Contracting the Contraction	April april at the contract of the	a birara sistematik eMil	and a second constraint of the			
Shell Keyways: N = Red (standard) A = Yellow B = Blue		angunnama ya ya ma'na' wakini filikali kalikali ka		dan bir a timer til steller	antonia aperia per care del mil	u gur sansanan yan nahiri ku	Amath Number of Cityles	
Modification Code:	A control of the cont		and a second sec			,,		

How to order: Quote the AS reference, followed by the style, shell size, contact orrangement, insert style and shell keyway option, e.g. ASOO7-35PN



A step ahead in technology