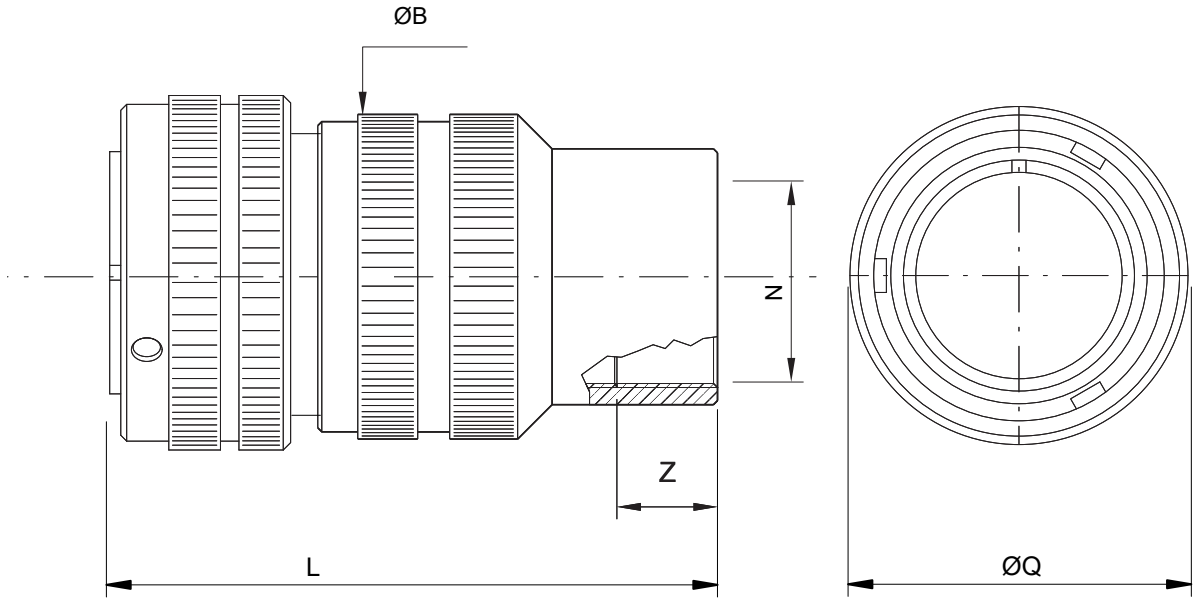
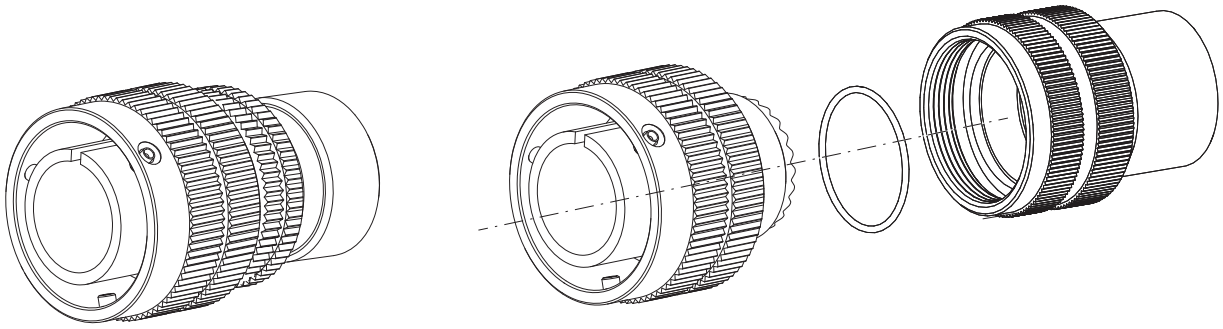




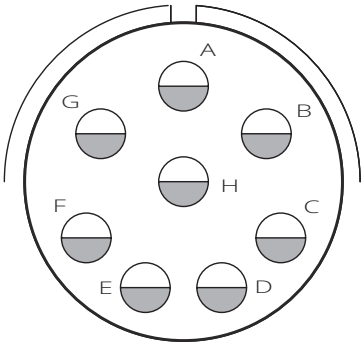
Shell size	ØQ ±0.2	ØB ±0.2	L max	Z min	N Backshell Metric Thread
20	41	32	76	12	M25

Dimensions in mm

Dimension "L" can be different from the value indicated according to backshells accessories, wires size and some special insert configurations.

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Inserts



Arrangement	20-7
Gender	Pin
No. of contacts	8
Contacts size	N° 8 x #16 (22A Max)
Service Rating	A,B,H,G=D - Bal.=A
	A,B,H,G=1250 Vdc - Bal.=700Vdc
	A,B,H,G=900 Vac - Bal.=500Vac
Rotation	N (0°)

Contacts P/N	Qty	Size	Termination	mm² section	AWG section	Stripping length mm	Manual crimp tool	Crimp Die / Locator	Insertion tool	Removal tool	Guide pin
ST385 16P	8	16	solder	-	18÷16	7	-	-	-	-	-

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Code details

Insert material	_	Chloroprene rubber
Series	CVB	Bayonet connector
Shell material	_	Aluminum alloy
Shell Type	06	Plug connector for straight backshell, with coupling nut
Connector Class	DA	Backshell with waterproof o-ring. Internal Metric thread M25
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	20-7	Arrangement 20-7
Gender Contacts	P	Pin
Polarization	_	N (0°)
Backshell Details	M25	Internal Metric thread M25
Contacts Termination	_	Solder
Contact Plating	_	Silver 3.5µ min
Shell Finish	F5	Electroless nickel
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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Shell type:
Bayonet connector
Plug connector for straight backshell, with coupling nut

Reference Documents:
- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- European Directive 2011/65/UE (RoHS)

General features:
Arrangement: 20-7; Pin; the insert is supplied with rotation: N (0°)
Contact: n.8 size 16; Solder

Operating Temperature: -55 ÷ +125°C
IP Protection degree according EN60529 (mated connectors with adequate accessories): IP67
Insulating rubber parts: Chloroprene rubber

Connector supplied with:
- Backshell with waterproof o-ring. Internal Metric thread M25

Electrical specifications:
Nominal Voltage: A,B,H,G=1250 Vdc - Bal.=700 Vdc / A,B,H,G=900 Vac - Bal.=500 Vac (service A,B,H,G=D - Bal.=A)
Test Voltage: A,B,H,G=2800 Vac - Bal.=2000 Vac

Current Rating, single contact:
- maximum current: 22A (#16) with ambient temperature 20°C
- rated current: 13A (#16) with ambient temperature 80°C

COMPONENTS	MATERIALS	PLATING / FINISHES
Shells	Aluminum alloy	Electroless nickel
Insulating	Chloroprene rubber	-
Contacts	Copper alloy	Silver 3.5µ min
Panel Gasket	-	-
Others part	-	-

ACCESSORIES (included)		
P/N	**Description**	**Quantity**
-	-	-
-	-	-
-	-	-

PACKAGING		
Quantity	**Type**	**Weight**
1	Plastic Bags	-
-	Carton Box	-

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