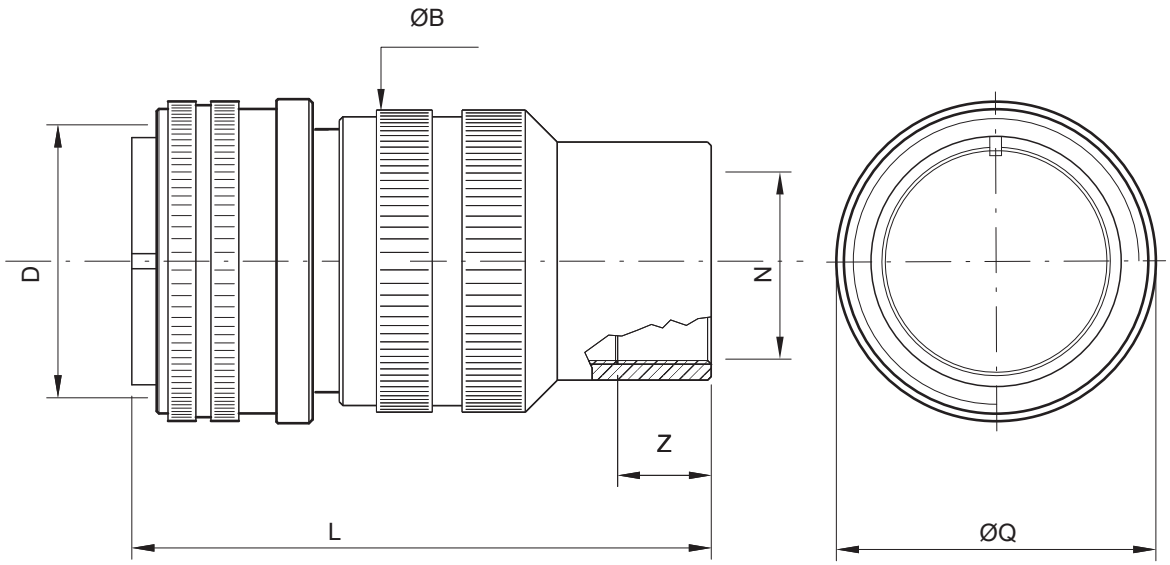
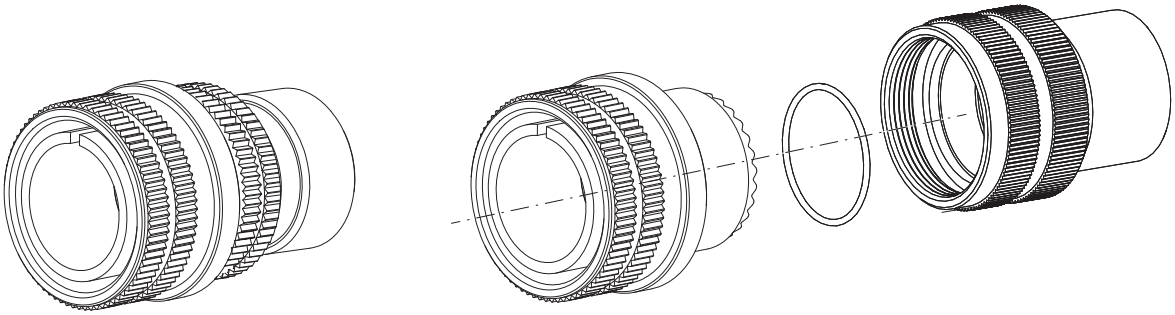




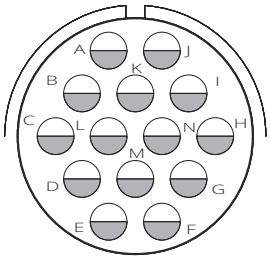
Shell size	D Connectors Thread in inches	ØQ ±0.2	ØB ±0.2	L max	Z min	N Backshell Metric Thread
20	1"1/4-18 UNEF	37.3	32	76	12	M25

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	20-27
Gender	Socket
No. of contacts	14
Contacts size	N° 14 x #16 (22A Max)
Service Rating	A (700Vdc - 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 16S	14	16	solder	-	18÷16	7	-	-	-	-	-

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Code details

Insert material	_	Chloroprene rubber
Series	CVS	Thread connectors
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	20-27	Arrangement 20-27
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details	M25	Internal Metric thread M25
Contacts Termination	_	Solder
Contact Plating	_	Silver 3.5µ min
Shell Finish	F7	Black epoxy-polyurethane varnish (non conductive), RoHS compliant
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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Shell type:
Thread connectors
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: 20-27; Socket; the insert is supplied with rotation: N (0°)
Contact: n.14 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: 700 Vdc / 500 Vac (service A)
Test Voltage: 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	Black epoxy-polyurethane varnish (non conductive), RoHS compliant
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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