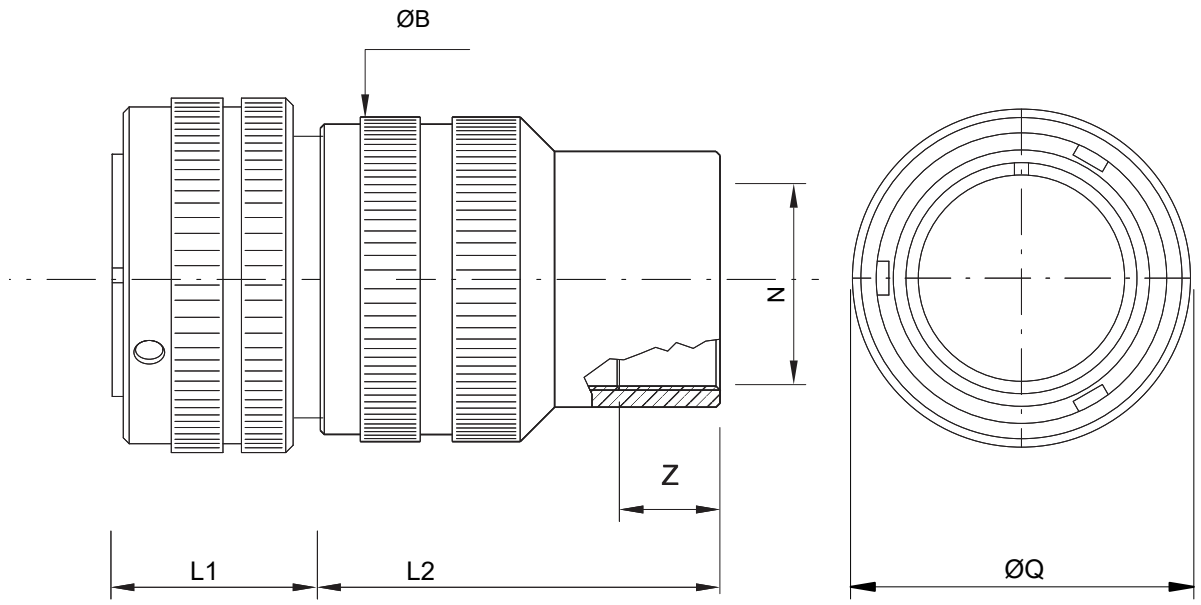
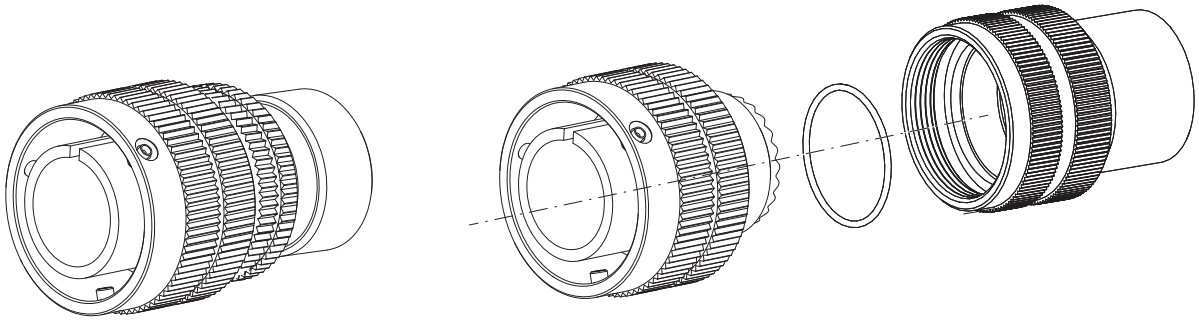




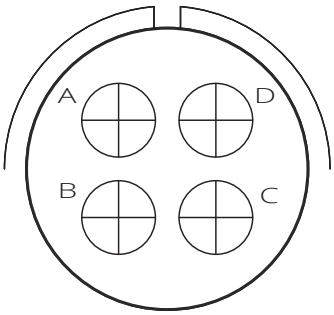
Shell size	ØQ ±0.2	ØB ±0.2	Z min	L1	N Backshell Metric thread	L2 M
10SL	23.3	20	8	18,8	M12 - M16	32
14S	29.5	24	9	19,6	M12-M16-(M20)-(M25)	30
16S	33	27	9	19,6	(M16) - M20	40
16	33	27	9	23,8	M20	45
18	**37**	**30**	**9**	**24,9**	**M20**	**50**
20	41	32	9	24,2	(M12)- M20	50
22	43	37	10	24,2	M25 - M32	50
24	48	40	10	25,4	M20 - M25 -M32-M40	50
28	53	45	10	25,8	(M25) - M32 - M40	63
32	60	52	10	28,3	(M25) - (M32) - M40	55
36	66.2	58	13	28,1	M40 - M50	56
40	72.4	63.8	13	28,6	M40 - (M50) - M63	65

Dimensions in mm

Dimensions "L1 and L2" can be different from the value indicated according to backshells accessories, wires size and some special insert configurations.

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Inserts



Arrangement	18-10
Gender	Socket
No. of contacts	4
Contacts size	N° 4 x #12 (41A 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
-	-	-	-	-	-	-	-	-	-	-	-

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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 M20
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	18-10	Arrangement 18-10
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details	M20	Internal Metric thread M20
Contacts Termination	LC	Less contacts (to be purchased separately)
Contact Plating	_	-
Shell Finish	F5	Electroless nickel
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

** The creepage distance is reduced for the insert with contacts for larger wires than the standard ones.*
The contacts with reduced ØD for smaller wire may be a sealing problem with grommets.
The contacts with enlarged ØD for larger wires may be difficulties with grommets.
Please contact our sales office.

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

Reference Documents:
- SAE AS 50151 (ex MIL-C-5015 where applicable)
- VG 95234 (where applicable)
- EN 60529
- European Directive 2011/65/UE (RoHS)

General features:
Arrangement: 18-10; Socket; the insert is supplied with rotation: N (0°)
Contact: n.4 size 12; Less contacts (to be purchased separately)

Operating Temperature: -55 ÷ +125°C
IP Protection degree according EN60529: IP67
Insulating rubber parts: Chloroprene rubber

Connector supplied with:
- Backshell with waterproof o-ring. Internal Metric thread M20

Electrical specifications:
Nominal Voltage: 700 Vdc / 500 Vac (service A)
Test Voltage: 2000 Vac

Current Rating, single contact:
- maximum current: 41A (#12) with ambient temperature 20°C
- rated current: 23A (#12) with ambient temperature 80°C

** The creepage distance is reduced for the insert with contacts for larger wires than the standard ones.*
The contacts with reduced ØD for smaller wire may be a sealing problem with grommets.
The contacts with enlarged ØD for larger wires may be difficulties with grommets.
Please contact our sales office.

COMPONENTS	MATERIALS	PLATING / FINISHES
Shells	Aluminum alloy	Electroless nickel
Insulating	Chloroprene rubber	-
Contacts	-	-
Panel Gasket	-	-
Others part	-	-

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

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

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