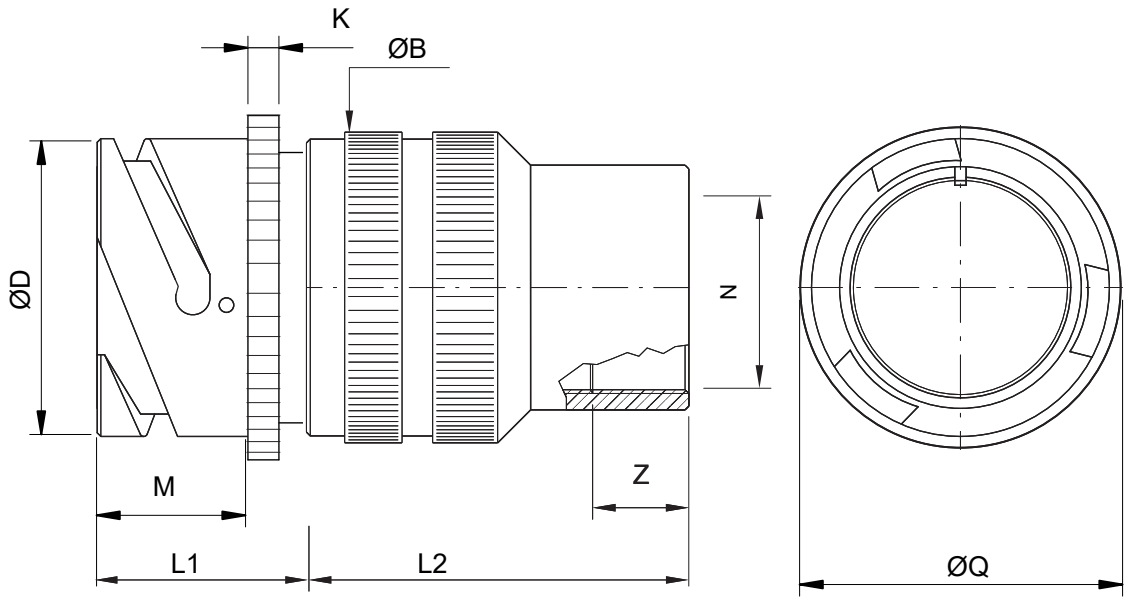
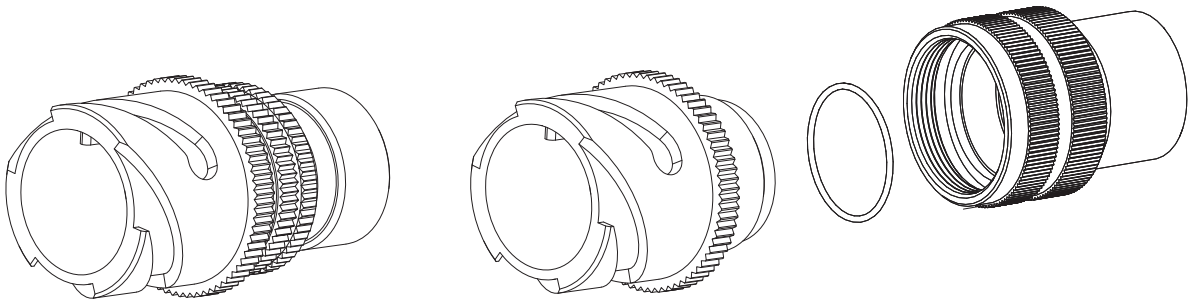




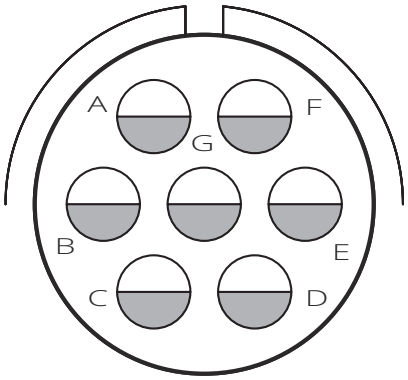
Shell size	ØD +0 -0.15	ØQ Max	ØB ±0.2	M ±0.2	K ±0.2	Z min	L1	N Backshell PG Thread	L2 PG
16S	**27.4**	**31**	**27**	**14.2**	**3.2**	**9**	**18,5**	**PG13.5**	**38**

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.

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall VanSystem S.r.l. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

Inserts



Arrangement	16S-1
Gender	Socket
No. of contacts	7
Contacts size	N° 7 x #16S (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 16SS	7	16S	solder	-	18÷16	5,5	-	-	-	-	-

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall VanSystem S.r.l. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

Code details

Insert material	_	Chloroprene rubber
Series	CVB	Bayonet connector
Shell material	_	Aluminum alloy
Shell Type	01	In-line receptacle able to accept rear accessories
Connector Class	DA	Backshell with waterproof o-ring. Internal thread PG13.5
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	16S-1	Arrangement 16S-1
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details	PG13.5	Internal thread PG13.5
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	_	-

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall VanSystem S.r.l. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

Shell type:
Bayonet connector
In-line receptacle able to accept rear accessories

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

General features:
Arrangement: 16S-1; Socket; the insert is supplied with rotation: N (0°)
Contact: n.7 size 16S; Solder

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 thread PG13.5

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

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

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall VanSystem S.r.l. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.