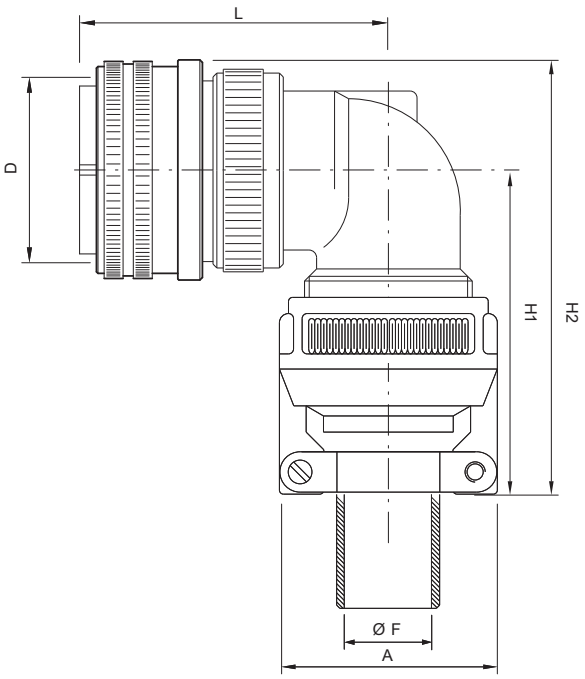
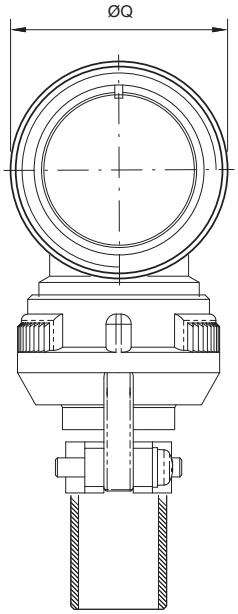
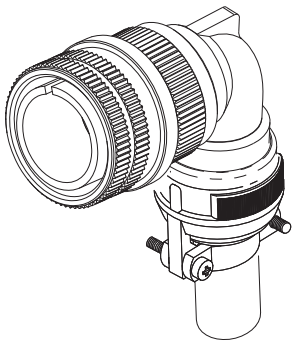
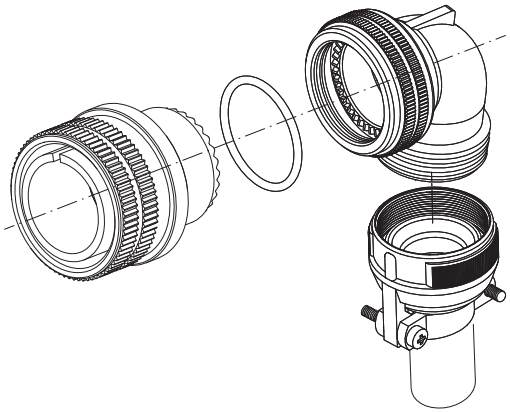








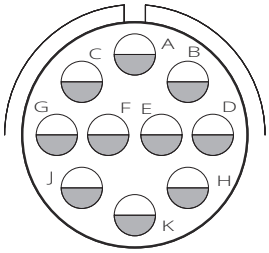
Shell size	D Connectors Thread in inches	ØQ ±0.2	L max	H1 max	H2 max	A max	ØF max cable dimension
10SL	5/8"-24 UNEF	22.8	45.5	51	62.4	23	5.6
14S	7/8"-20 UNEF	28.5	45.5	51	65.3	26	7.9
16S	1"-20 UNEF	31.8	47	54	69.9	28.5	11.1
16	1"-20 UNEF	31.8	56.5	54	69.9	28.5	11.1
18	**1"1/8-18 UNEF**	**34**	**57.5**	**58.5**	**75.5**	**32**	**11.1**
20	1"1/4-18 UNEF	37.3	60	59.5	78.2	37.5	13.7
22	1"3/8-18 UNEF	40.5	62.5	61.5	81.8	37.5	13.7
24	1"1/2-18 UNEF	43.5	65.5	71.5	93.3	43.5	19
28	1"3/4-18 UNS	50	65.5	73.5	98.5	43.5	19
32	2"-18 UNS	56.1	70	84	112.1	54	23.8
36	2"1/4-16 UN	62.5	73.5	91.5	122.8	58	28.5
40	2"1/2-16 UN	69.1	78.5	98	132.6	63.5	31.8

Dimensions in mm

Dimension "L" 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	18-19
Gender	Socket
No. of contacts	10
Contacts size	N° 10 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	10	16	solder	-	18÷16	7	-	-	-	-	-

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	CVS	Thread connectors
Shell material	_	Aluminum alloy
Shell Type	08	Plug connector, with 90° elbow and coupling nut
Connector Class	ACB	Standard backshell, MS 3057...C type cable-clamp, waterproof o-ring and bushing MS3420A
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	18-19	Arrangement 18-19
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details:	_	-
Contacts termination	_	Solder
Contacts plating	_	Silver 3.5µ min
Shell Finish	F4	CCF green (conductive)
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:
Thread connectors
Plug connector, with 90° elbow and coupling nut

Reference Documents:
- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529

General features:
Arrangement: 18-19; Socket; the insert is supplied with rotation: N (0°)
Contact: n.10 size 16; Solder

Operating temperatures: -55°C ÷ +125°C
Protection degree (mated connectors; according to EN 60529): IP67
Insulating rubber parts: Chloroprene rubber

Connector supplied with:
- Standard backshell, MS 3057...C type cable-clamp, waterproof o-ring and bushing MS3420A

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	CCF green (conductive)
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.