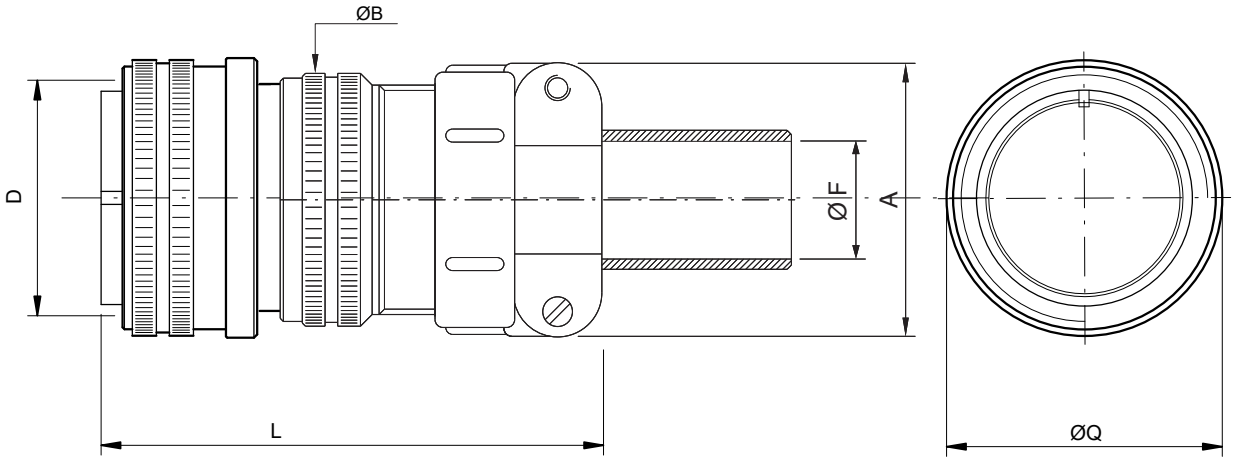
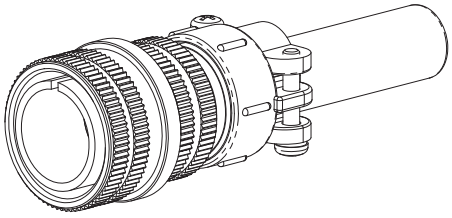
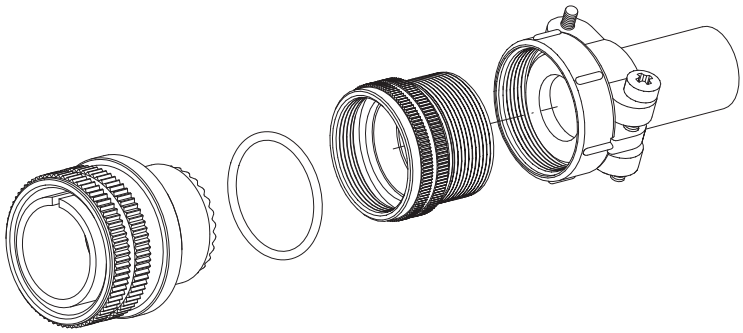






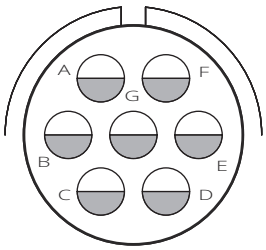
Shell size	D Connectors Thread in inches	ØQ ±0.2	L max	ØB ±0.2	A max	ØF cable max dimension
10SL	5/8"-24 UNEF	24.1	46	20	22.7	5.6
14S	7/8"-20 UNEF	28.5	55	24	27.5	7.9
16S	1"-20 UNEF	31.8	56.5	27	30	11
16	1"-20 UNEF	31.8	62.5	27	30	11
18	1"1/8-18 UNEF	34.1	67.5	30	32.2	14.2
20	1"1/4-18 UNEF	37.3	68	32	37.5	15.8
22	1"3/8-18 UNEF	40.5	70.5	37	37.5	15.8
24	1"1/2-18 UNEF	43.5	70.5	40	43.5	19
28	1"3/4-18 UNEF	50	77.5	45	43.5	19
32	2"-18 UNS	56.1	77.5	52	51.7	23.8
36	2"1/4-16 UN	62.5	77.5	58	58	31.7
40	2"1/2-16 UN	69.1	93	63.8	68.5	34.9

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	16S-1
Gender	Socket
No. of contacts	7
Contacts size	N° 7 x #16S (22A Max)
Service Rating	A (700Vdc - 500Vac)
Rotation	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	-	-	-	-	-

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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	AF	Standard backshell, MS3057..A type cable-clamp and bushing MS 3420..
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	16S-1	Arrangement 16S-1
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details	_	-
Contacts Termination	_	Solder
Contact Plating	_	Silver 3.5µ min
Shell Finish	F4	CCF green (conductive)
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

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

Operating temperatures: -55°C ÷ +125°C
Protection degree (mated connectors; according to EN 60529): IP54
Insulating rubber parts: Chloroprene rubber

Connector supplied with:
Standard backshell, MS3057..A type cable-clamp and bushing MS 3420..

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	CCF green (conductive)
Insulating	Chloroprene rubber	-
Contacts	Copper alloy	Silver 3.5µ min
Panel Gasket	-	-
Others part	-	-

ACCESSORIES (included)		
-	-	-
-	-	-
-	-	-
-	-	-

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

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