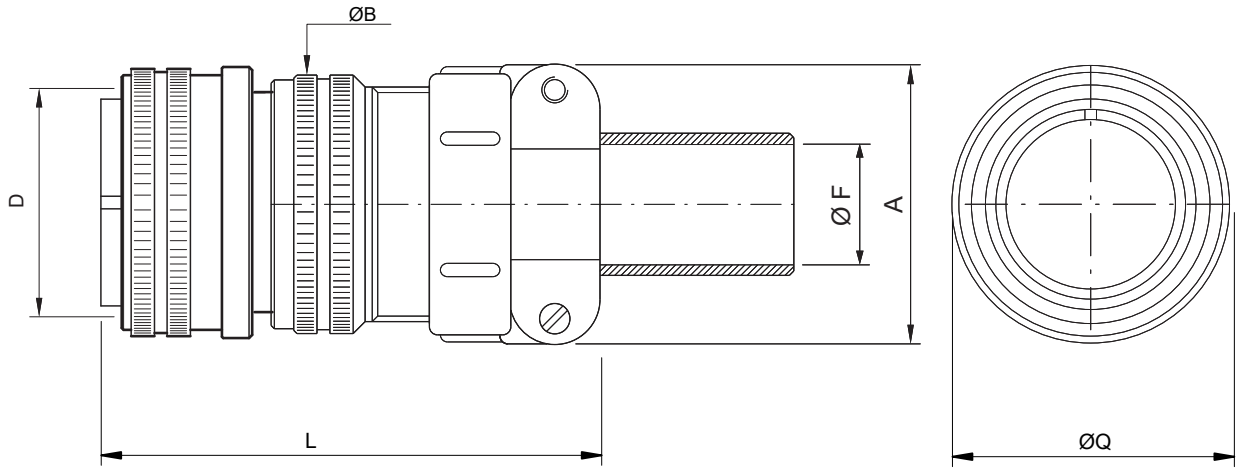
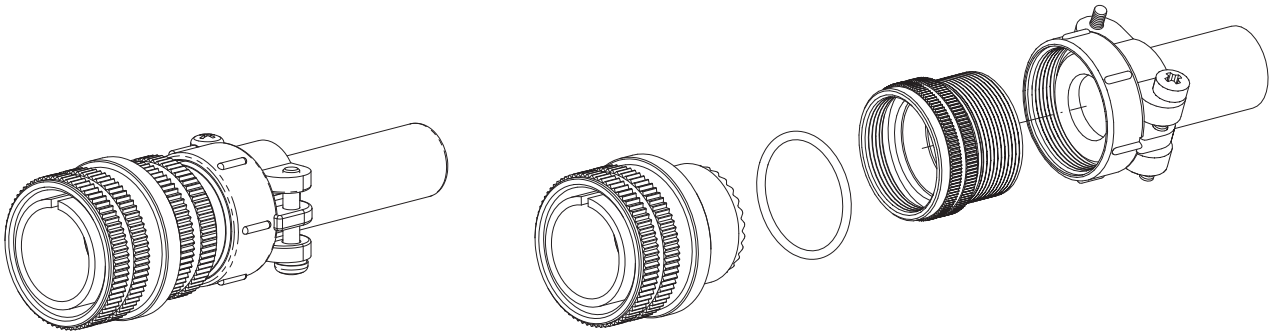




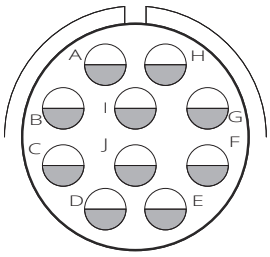
Shell size	D Connectors Thread in inches	ØQ ±0.2	L max	ØB ±0.2	A max	ØF cable max dimension
10SL	5/8"-24 UNEF	22.8	46	20	22.5	5.6
14S	7/8"-20 UNEF	28.5	55	24	28	7.9
16S	1"-20 UNEF	31.8	56.5	27	30	11
16	1"-20 UNEF	31.8	62.5	27	30	11
18	**1"1/8-18 UNEF**	**34**	**67.5**	**30**	**31.7**	**14.2**
20	1"1/4-18 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 UNS	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	58.5	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	18-1
Gender	Socket
No. of contacts	10
Contacts size	N° 10 x #16 (22A Max)
Service Rating	B,C,F,G=A - Bal.=I
	B,C,F,G=700 Vdc - Bal.=250Vdc
	B,C,F,G=500 Vac - Bal.=200Vac
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	-	-	-	-	-

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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.. (single wire)
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	18-1	Arrangement 18-1
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details	_	-
Contacts Termination	_	Solder
Contact Plating	_	Silver 3.5µ min
Shell Finish	F16	CCF black, 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:
- SAE AS 50151 (ex MIL-C-5015 where applicable)
- EN 60529
- European Directive 2011/65/UE (RoHS)

General features:
Arrangement: 18-1; Socket; the insert is supplied with rotation: N (0°)
Contact: n.10 size 16; Solder

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

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

Electrical specifications:
Nominal Voltage: B,C,F,G=700 Vdc - Bal.=250 Vdc / B,C,F,G=500 Vac - Bal.=200 Vac (service B,C,F,G=A - Bal.=I)
Test Voltage: B,C,F,G=2000 Vac - Bal.=1000 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 black, conductive - RoHS compliant
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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