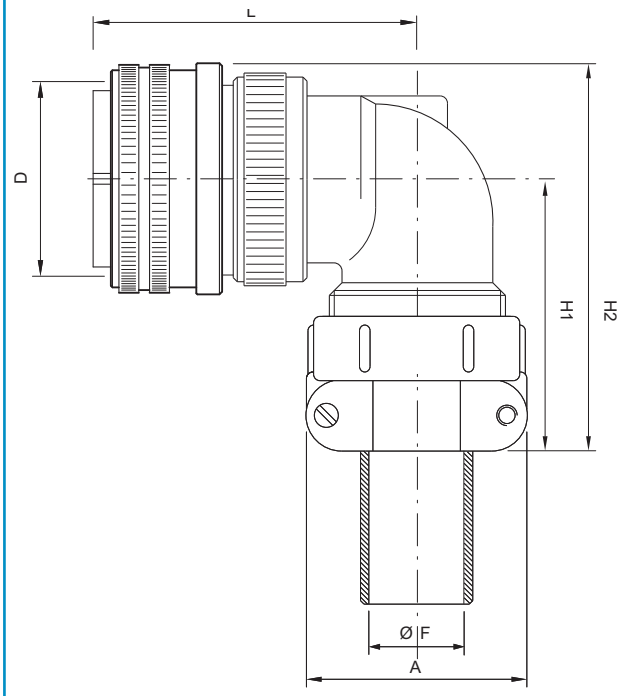
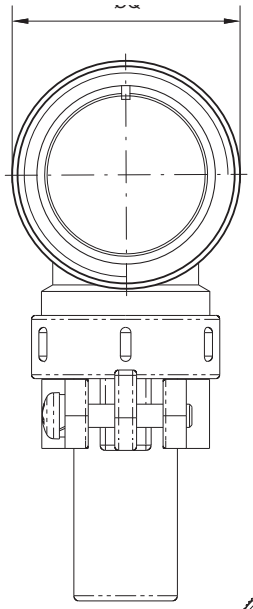
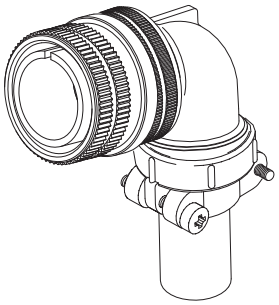
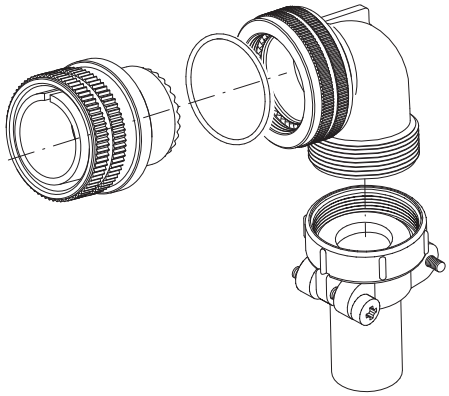






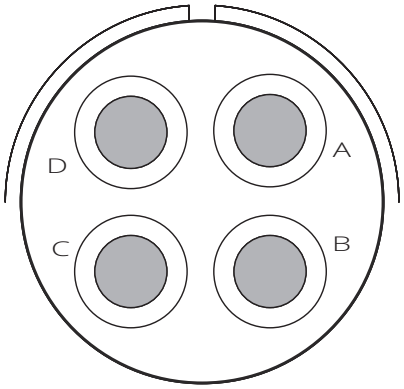


Shell size	D Connectors Thread in inches	ØQ ±0.2	L max	H1 max	H2 max	A max	ØF cable max dimension
10SL	5/8"-24 UNEF	22.8	45.5	39	50.4	22.5	5.6
14S	7/8"-20 UNEF	28.5	45.5	39	53.3	28	7.9
16S	1"-20 UNEF	31.8	47	42.5	58.4	30	11
16	1"-20 UNEF	31.8	56.5	42.5	58.4	30	11
18	1"1/8-18 UNEF	34	57.5	47	64	31.7	14.2
20	1"1/4-18 UNEF	37.3	60	47.5	66.2	37.5	15.8
22	**1"3/8-18 UNEF**	**40.5**	**62.5**	**49.5**	**69.8**	**37.5**	**15.8**
24	1"1/2-18 UNEF	43.5	65.5	53.5	75.3	43.5	19
28	1"3/4-18 UNS	50	65.5	55.5	80.5	43.5	19
32	2"-18 UNS	56.1	70	61.5	89.6	51.7	23.8
36	2"1/4-16 UN	62.5	73.5	64.5	95.8	58.5	31.7
40	2"1/2-16 UN	69.1	78.5	82	116.6	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	22-22
Gender	Pin
No. of contacts	4
Contacts size	N° 4 x #8 (73A 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 8P	4	8	solder	-	8	12,6	-	-	-	-	-

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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	AF	Standard backshell, MS3057..A type cable-clamp and bushing MS 3420.. (single wire)
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	22-22	Arrangement 22-22
Gender Contacts	P	Pin
Polarization	_	N (0°)
Backshell Details:	_	-
Contacts termination	_	Solder
Contacts 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, with 90° elbow and coupling nut

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

General features:
Arrangement: 22-22; Pin; the insert is supplied with rotation: N (0°)
Contact: n.4 size 8; 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: 700 Vdc / 500 Vac (service A)
Test Voltage: 2000 Vac

Current Rating, single contact:
- maximum current: 73A (#8) with ambient temperature 20°C
- rated current: 46A (#8) 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)		
P/N	**Description**	**Quantity**
-	-	-
-	-	-
-	-	-

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

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