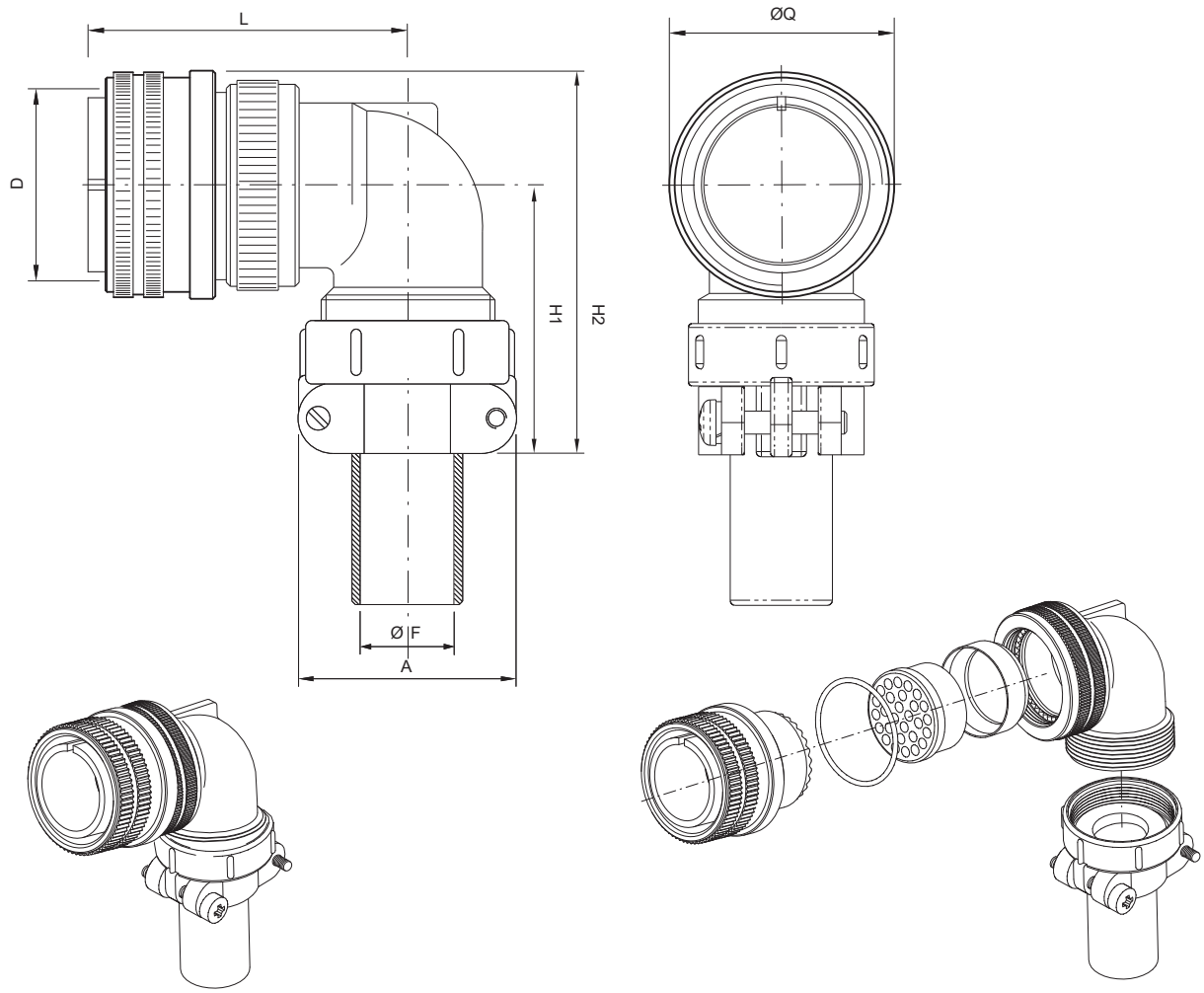


Shell size	D Connectors Thread in inches	ØQ ±0.2	L max	H1 max	H2 max	A max	ØF cable max dimension
10SL	5/8"-24 UNEF	22.8	45.5	39	50.4	22.5	5.6
14S	**7/8"-20 UNEF**	**28.5**	**45.5**	**39**	**53.3**	**28**	**7.9**
16S	1"-20 UNEF	31.8	47	42.5	58.4	30	11
16	1"-20 UNEF	31.8	56.5	42.5	58.4	30	11
18	1"1/8-18 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

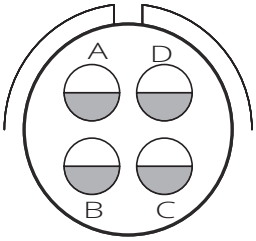
Dimensions in mm

Dimension "L" can be different from the value indicated according to backshells accessories, wires size and some special insert configurations.

"ØF" Cable maximum and minimum dimension.

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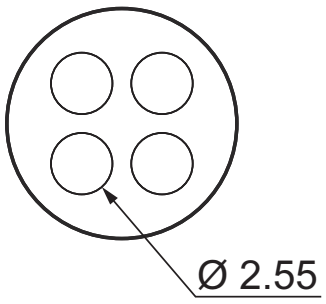
Inserts



Arrangement	14S-2
Gender	Socket
No. of contacts	4
Contacts size	N° 4 x #16S (22A Max)
Service Rating	I (250Vdc - 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
TC1-385-16SS	2	16S	solder	-	18÷16	5,5	-	-	-	-	-
TC2-385-16SS	2	16S	solder	-	18÷16	5,5	-	-	-	-	-

Grommet *



** Consult our sales office for wire specification*

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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	F	Backshell provided with MS3057..A type cable-clamp, bushing MS 3420.., grommet and cone
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	14S-21	Arrangement 14S-21 for Thermocouple Contacts
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details:	_	-
Contacts termination	_	Solder
Contacts Material	_	Chromel (A-C)- Alumel (B-D)
Shell Finish	F5	Electroless nickel
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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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
- European Directive 2011/65/UE (RoHS)

General features:
Arrangement: 14S-21; Socket; the insert is supplied with rotation: N (0°)
Contact: n.4 size 16S Thermocouple Contacts Chromel (A-C)- Alumel (B-D) ; Solder

Operating Temperature: -55 ÷ +125°C
Protection (mated connectors with adequate accessories): non enviromental
Insulating rubber parts: Chloroprene rubber

Connector supplied with:
- Backshell provided with MS3057..A type cable-clamp, bushing MS 3420.., grommet and cone

Electrical specifications:
Nominal Voltage: 250 Vdc / 200 Vac (service I)
Test Voltage: 1000 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	Electroless nickel
Insulating	Chloroprene rubber	-
Contacts	Chromel (A-C) Alumel (B-D)	-
Panel Gasket	-	-
Others part	-	-

ACCESSORIES (included)		
P/N	**Description**	**Quantity**
-	-	-
-	-	-
-	-	-

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

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