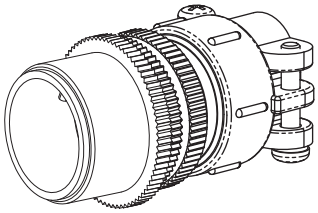
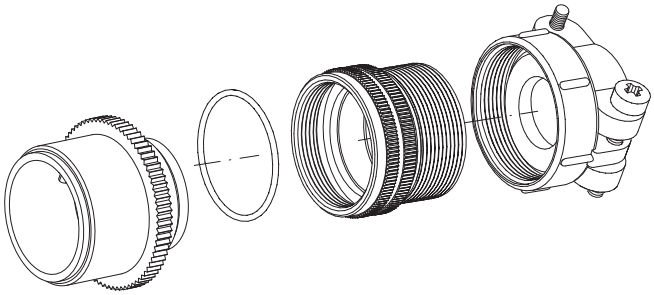
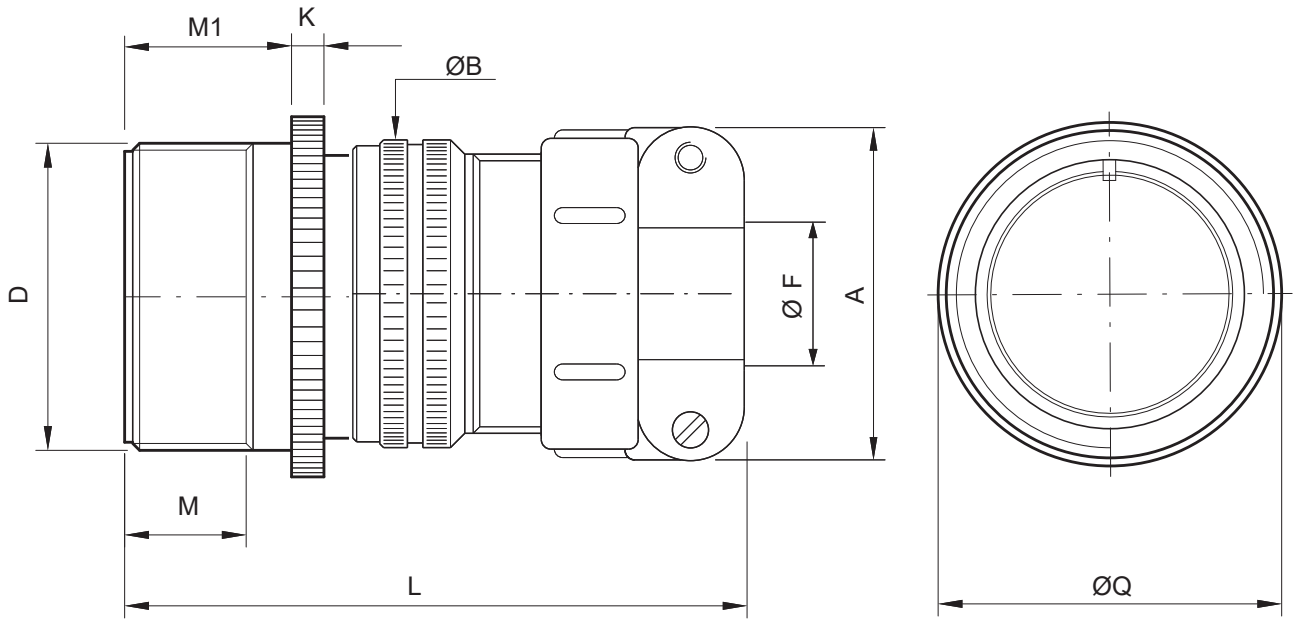
PAGE **1/4** | ISSUE **28-10-22A** | SERIES **CVS** | PART NUMBER **CVS 01AS 18-1P F4**







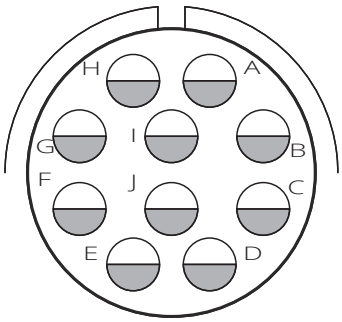
Shell size	D Connectors Thread in inches	ØQ Max	ØB ±0.2	L	K ±0.2	M ±0.2	M1 ±0.2	A max	ØF cable max dimension
10SL	5/8”-24 UNEF	22	20	51	2.8	9.9	14.2	22.5	8
14S	7/8”-20 UNEF	29	24	54.5	3.2	11.4	14.5	28	11
16S	1”-20 UNEF	31	27	56	3.2	11.4	14.2	30	14.2
16	1”-20 UNEF	31	27	63.5	3.2	15.9	19	30	14.2
18	**1”1/8-18 UNEF**	**34**	**30**	**66.5**	**4**	**15.9**	**19**	**31.7**	**15.8**
20	1”1/4-18 UNEF	37	32	66.5	4	15.9	19	37.5	19
22	1”3/8-18 UNEF	40	37	69.5	4	15.9	19.7	37.5	19
24	1”1/2-18 UNEF	44	40	69.5	4	15.9	20.6	43.5	23.8
28	1”3/4-18 UNS	49.5	45	77.5	4	15.9	20.6	43.5	23.8
32	2”-18 UNS	56	52	78.5	4	15.9	22.2	51.7	31.7
36	2”1/4-16 UN	62.5	58	78.5	4	15.9	22.2	58.5	35
40	2”1/2-16 UN	68.5	63.2	92	4	15.9	22.2	68.5	41.2

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	Pin
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 16P	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	01	In-line receptacle able to accept rear accessories
Connector Class	AS	Backshell provided with MS3057..A type cable-clamp (single wire)
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	18-1	Arrangement 18-1
Gender Contacts	P	Pin
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
In-line receptacle able to accept rear accessories

Reference Documents:
-SAE AS 50151 (ex MIL-C-5015 where applicable)
-EN 60529

General features:
Arrangement: 18-1; Pin; 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:
- Backshell provided with MS3057..A type cable-clamp (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 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	-

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