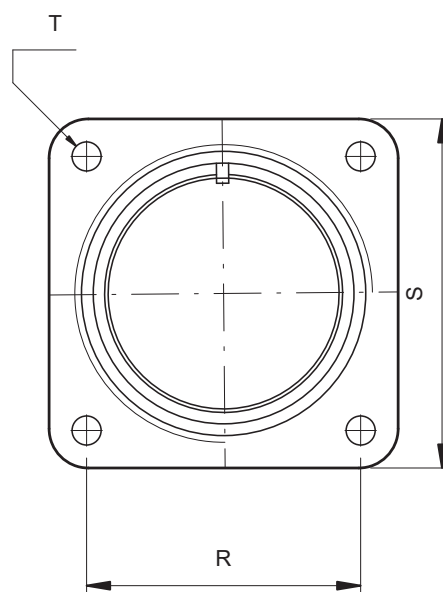
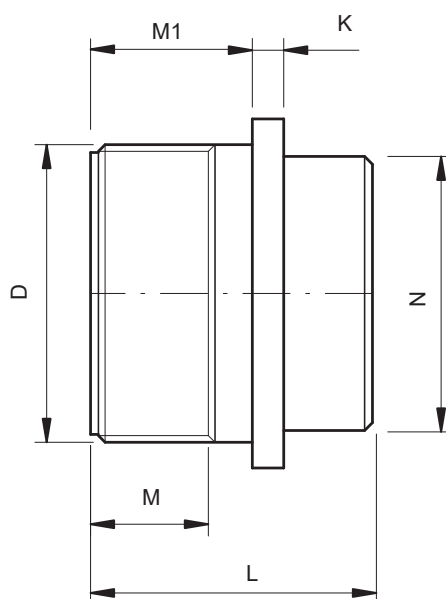
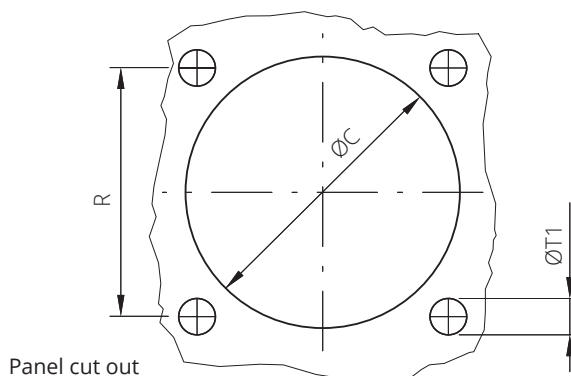
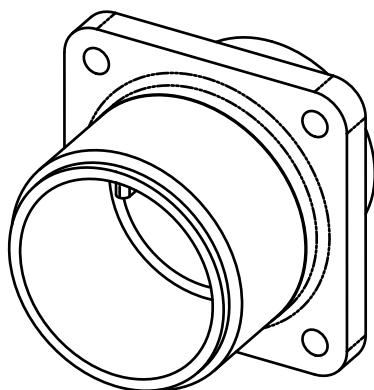


PAGE 1/4

ISSUE 18-06-21A

SERIES CVS

PART NUMBER CVS 02A 22-14S F4



Shell size	D Connectors Thread in inches	L	K ±0.2	M ±0.2	M1 ±0.2	ØN Max	R ±0.1	S ±0.3	ØT ±0.2	ØT1 Through holes	ØC ±0.2
10SL	5/8"-24 UNEF	24.6	2.8	9.9	14.2	16.1	18.2	25.4	3.1	3.4	17
14S	7/8"-20 UNEF	24.6	3.2	11.4	14.5	19.2	23	30.2	3.1	3.4	20
16S	1"-20 UNEF	24.6	3.2	11.4	14.2	22.5	24.6	32.5	3.1	3.4	23
16	1"-20 UNEF	34.1	3.2	15.9	19	22.4	24.6	32.5	3.1	3.4	23
18	1"1/8-18 UNEF	34.1	4	15.9	19	25.6	27	34.9	3.1	3.4	26.5
20	1"1/4-18 UNEF	34.3	4	15.9	19	28.8	29.4	38.1	3.1	3.4	30
22	1"3/8-18 UNEF	34.3	4	15.9	19.7	32.2	31.8	41	3.1	3.4	33
24	1"1/2-18 UNEF	35.8	4	15.9	20.6	35.3	34.9	44.5	3.7	3.9	36
28	1"3/4-18 UNS	35.8	4	15.9	20.6	41.5	39.7	50.8	3.7	3.9	42
32	2"-18 UNS	37.6	4	15.9	22.2	47.8	44.5	57	4.4	4.5	48.5
36	2"1/4-16 UN	37.6	4	15.9	22.2	52.6	49.2	63.5	4.4	4.5	55
40	2"1/2-16 UN	37.6	4	15.9	22.2	59.2	55.6	69.8	4.4	4.5	61

Dimensions in mm

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

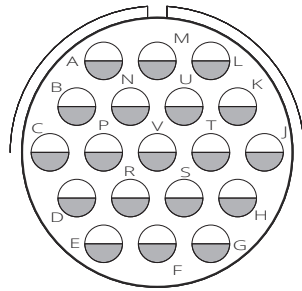
PAGE 2/4

ISSUE 18-06-21A

SERIES CVS

PART NUMBER CVS 02A 22-14S F4

Inserts



Arrangement	22-14
Gender	Socket
No. of contacts	19
Contacts size	N° 19 x #16 (22A Max)
Service Rating	A (700Vdc - 500Vac)
Rotation	N (0°)

Contacts P/N	Qty	Size	Termination	mm ² section	AWG section	Stripping length mm	Manual crimp tool	Crimp Die / Locator	Insertion tool	Removal tool	Guide pin
ST385 16S	19	16	solder	-	18÷16	7	-	-	-	-	-

PAGE 3/4

ISSUE 18-06-21A

SERIES CVS

PART NUMBER CVS 02A 22-14S F4

Code details

Insert material	_	Chloroprene rubber
Series	CVS	Thread connectors
Shell material	_	Aluminum alloy
Shell Type	02A	Front mounting receptacle connector non enviromental (equivalent MS3102A threaded version or MS3102A..B bayonet version)
Connector Class	_	No rear accessories
Accessories	-	-
Accessories	-	-
Accessories	-	-
Insert	22-14	Arrangement 22-14
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	-	-

PAGE 4/4

ISSUE 18-06-21A

SERIES CVS

PART NUMBER CVS 02A 22-14S F4

Shell type:

Thread connectors

Front mounting receptacle connector non enviromental (equivalent MS3102A threaded version or MS3102A..B bayonet version)

Reference Documents:

- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529

General features:

Arrangement: 22-14; Socket; the insert is supplied with rotation: N (0°)

Contact: n.19 size 16; Solder

Operating Temperature: -55 ÷ +125°C

IP Protection degree according EN60529 (mated connectors with adequate accessories): IP67

Insulating rubber parts: Chloroprene rubber

Connector supplied with:

- No rear accessories

Electrical specifications:

Nominal Voltage: 700 Vdc / 500 Vac (service A)

Test Voltage: 2000 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	ACCESSORIES (included)		
			P/N	Description	Quantity
Shells	Aluminum alloy	CCF green (conductive)			
Insulating	Chloroprene rubber	-	-	-	-
Contacts	Copper alloy	Silver 3.5µ min	-	-	-
Panel Gasket	-	-	-	-	-
Others part	-	-			

PACKAGING

Quantity Type Weight

1	Plastic Bags	-
-	Carton Box	-