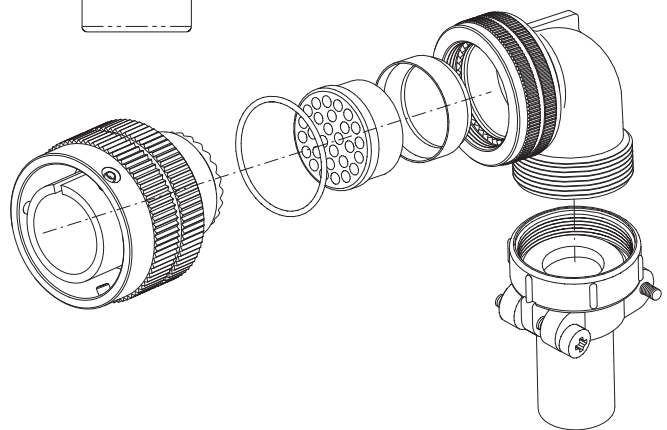
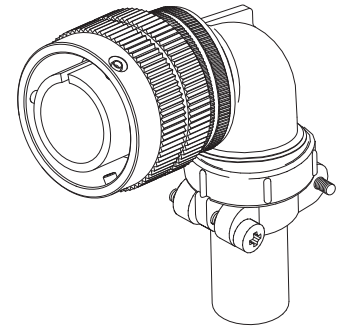
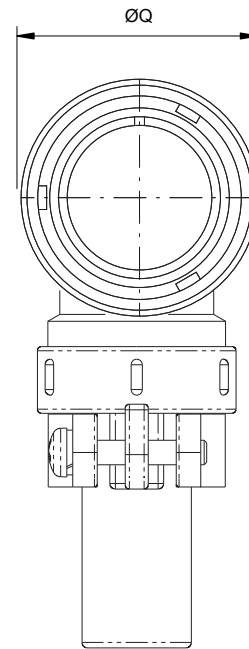
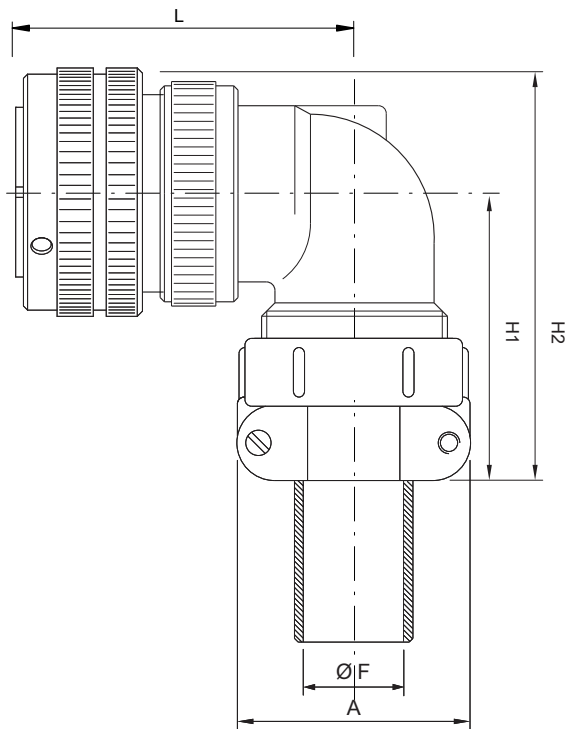


PAGE 1/4

ISSUE 13-01-21A

SERIES RF CVBS

PART NUMBER RF CVBS 08F 28-21S CR CD5 F16



Shell size	ØQ ±0.2	L max	H1 max	H2 max	A max	ØF cable max dimension
10SL	23.3	45.5	39	50.7	22.5	5.6
14S	29.5	45.5	39	53.3	28	7.9
16S	33	47	42.5	58.4	30	11
16	33	56.5	42.5	58.4	30	11
18	37	57.5	47	64.1	31.7	14.2
20	41	60	47.5	66.2	37.5	15.8
22	43	62.5	49.5	69.8	37.5	15.8
24	48	65.5	53.5	75.3	43.5	19
28	53	65.5	55.5	80.5	43.5	19
32	60	70	61.5	89.6	51.7	23.8
36	66.2	73.5	64.5	95.8	58.5	31.7
40	72.4	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.

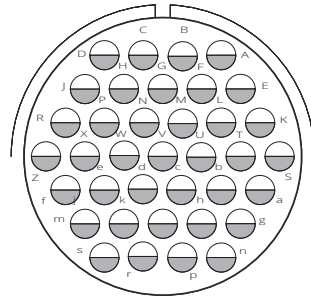
PAGE 2/4

ISSUE 13-01-21A

SERIES RF CVBS

PART NUMBER RF CVBS 08F 28-21S CR CD5 F16

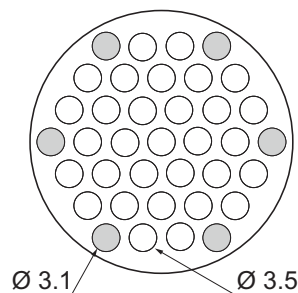
Inserts



Arrangement	28-21
Gender	Socket
No. of contacts	37
Contacts size	N° 37 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
ST485 16S CD5	37	16	crimp	1÷1.5	18÷16	6.3	CRT-784/1	LOC-784	CTIN-784-16	CTES-784-16	GP-784-16

Grommet *



* Consult our sales office for wire specification

PAGE 3/4

ISSUE 13-01-21A

SERIES RF CVBS

PART NUMBER RF CVBS 08F 28-21S CR CD5 F16

Code details

Insert material	RF	Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)
Series	CVBS	Bayonet connector with protected mating ramps
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	28-21	Arrangement 28-21
Gender Contacts	S	Socket
Polarization	–	N (0°)
Backshell Details:	–	–
Contacts termination	CR	Crimp
Contacts plating	CD5	Nickel + gold 0.4 µ min
Shell Finish	F16	CCF black, conductive - RoHS compliant
Panel Gasket	–	–
Contact modification code	–	–
Customization	–	–

PAGE 4/4

ISSUE 13-01-21A

SERIES RF CVBS

PART NUMBER RF CVBS 08F 28-21S CR CD5 F16

Shell type:

Bayonet connector with protected mating ramps
Plug connector, with 90° elbow and coupling nut

Reference Documents:

- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- EN45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)
- European Directive 2011/65/UE (RoHS)

General features:

Arrangement: 28-21; Socket; the insert is supplied with rotation: N (0°)
Contact: n.37 size 16; Crimp

Operating Temperature: -55 ÷ +150°C

Protection (mated connectors with adequate accessories): non enviromental

Insulating rubber parts: Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)

Connector supplied with:

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

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 black, conductive - RoHS compliant			
Insulating	Fire behaviour (fire and smoke) *	-	-	-	-
Contacts	Copper alloy	Nickel + gold 0.4 µ min	-	-	-
Panel Gasket	-	-	-	-	-
Others part	-	-			

* Insulating Class parts: fire behaviour (fire and smoke) complying with EN 45545-2
Par. 4.3.1 (< 10 g), NFPA130 Par. 8.4.1.10 (< 100 cm²)

PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-



Radiall VanSystem S.r.l. | www.vansystem.eu - www.radiall.com