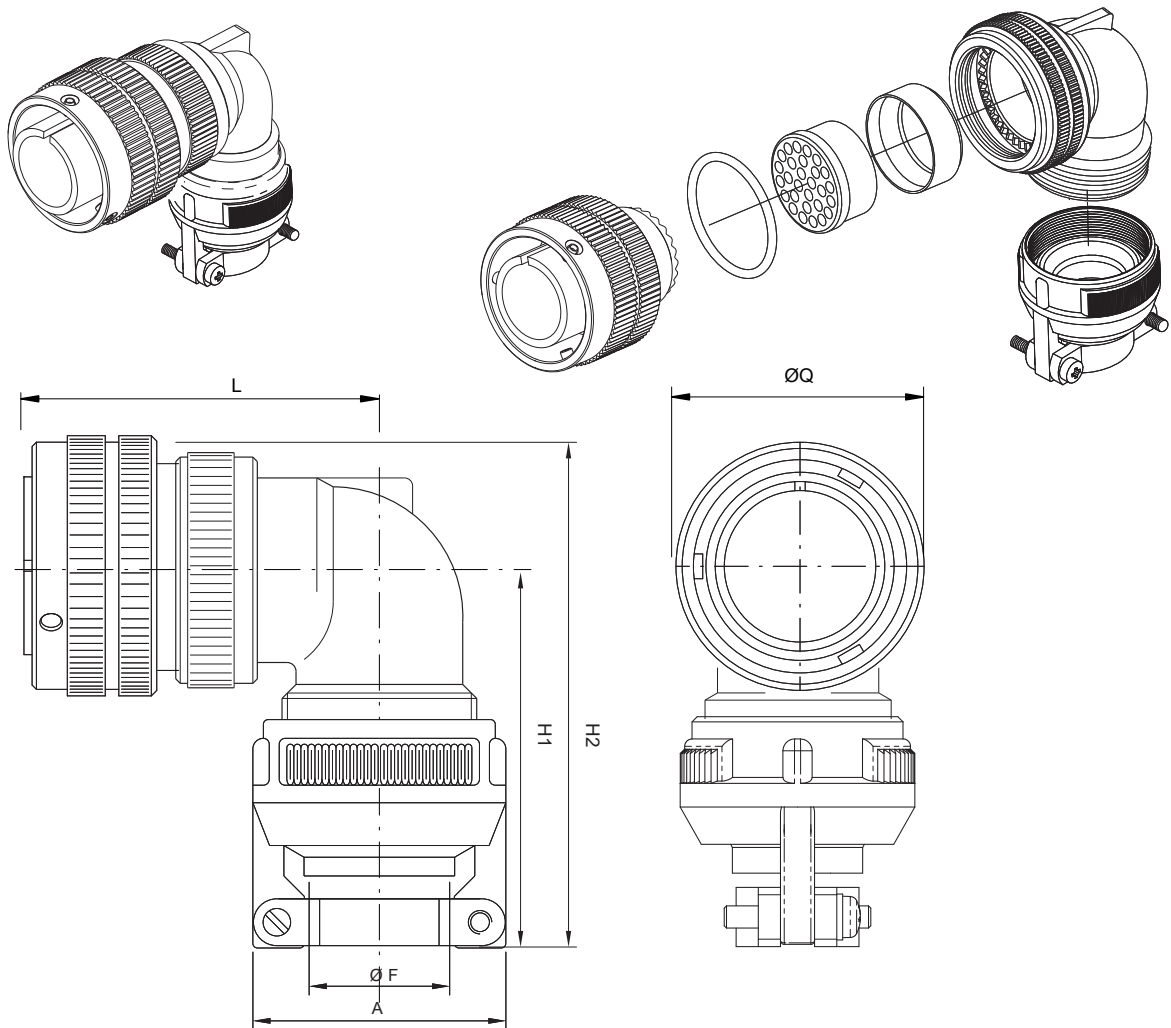


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SERIES RF CVBS

PART NUMBER RF CVBS 08ACF 18-19P CR CD5 F7



Shell size	ØQ ±0.2	L max	H1 max	H2 max	A max	ØF max cable dimension
10SL	23.3	45.5	51	62.7	23	2.4
14S	29.5	45.5	51	65.3	26	5.8
16S	33	47	54	69.9	28.5	8
16	33	56.5	54	69.9	28.5	8
18	37	57.5	58.5	75.6	32	9.6
20	41	60	59.5	78.2	37.5	11.3
22	43	62.5	61.5	81.8	37.5	11.3
24	48	65.5	71.5	93.3	43.5	15.5
28	53	65.5	73.5	98.5	43.5	15.5
32	60	70	84	112.1	54	23.4
36	66.2	73.5	91.5	122.8	58	25.4
40	72.4	78.5	98	132.6	63.5	30

Shell size	ØQ ±0.2	L max	H1 max	H2 max	A max	ØF max cable dimension	
						Min	Max
10SL	23.3	45.5	51	62.7	23	2.4	7.9
14S	29.5	45.5	51	65.3	26	5.8	11.2
16S	33	47	54	69.9	28.5	8	13.5
16	33	56.5	54	69.9	28.5	8	13.5
18	37	57.5	58.5	75.6	32	9.6	15.9
20	41	60	59.5	78.2	37.5	11.3	19
22	43	62.5	61.5	81.8	37.5	11.3	19
24	48	65.5	71.5	93.3	43.5	15.5	23.8
28	53	65.5	73.5	98.5	43.5	15.5	23.8
32	60	70	84	112.1	54	23.4	31.8
36	66.2	73.5	91.5	122.8	58	25.4	35
40	72.4	78.5	98	132.6	63.5	30	41.3

Dimensions in mm

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

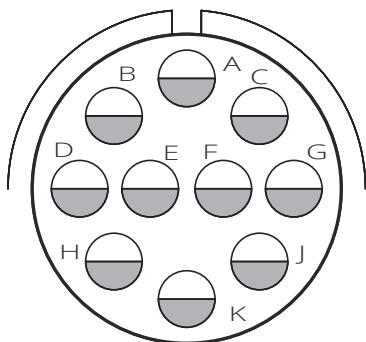
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SERIES RF CVBS

PART NUMBER RF CVBS 08ACF 18-19P CR CD5 F7

Inserts



Arrangement	18-19
Gender	Pin
No. of contacts	10
Contacts size	N° 10 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 16P CD5	10	16	crimp	1÷1.5	18÷16	6.3	CRT-784/1	LOC-784	CTIN-784-16	CTES-784-16	GP-784-16

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Grommet *

Wire Outside Diameter (mm)

Size	min	max
#16	1.9	2.4

* Consult our sales office for wire specification

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SERIES RF CVBS

PART NUMBER RF CVBS 08ACF 18-19P CR CD5 F7

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	ACF	Standard backshell, waterproof O-ring , MS 3057...C type cable-clamp, grommet and cone (for Jacketed cable)
Accessories	–	–
Accessories	–	–
Accessories	–	–
Insert	18-19	Arrangement 18-19
Gender Contacts	P	Pin
Polarization	–	N (0°)
Backshell Details:	–	–
Contacts termination	CR	Crimp
Contacts plating	CD5	Nickel + gold 0.4 µ min
Shell Finish	F7	Black epoxy-polyurethane varnish (non conductive), RoHS compliant
Panel Gasket	–	–
Contact modification code	–	–
Customization	–	–

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SERIES RF CVBS

PART NUMBER RF CVBS 08ACF 18-19P CR CD5 F7

Shell type:

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

Reference Documents:

- SAE AS 50151 (ex MIL-C-5015 where applicable)
- VG 95234 (where applicable)
- EN 60529
- EN45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)
- European Directive 2011/65/UE (RoHS)

General features:

Arrangement: 18-19; Pin; the insert is supplied with rotation: N (0°)
Contact: n.10 size 16; Crimp

Operating Temperature: -55 ÷ +150°C

IP Protection degree according EN60529: IP67 or IP68 (10meters 12hours, according to the application, connector series and shell type)

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

Connector supplied with:

- Standard backshell, waterproof O-ring , MS 3057...C type cable-clamp, grommet and cone (for Jacketed cable)

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	Black epoxy-polyurethane varnish (non 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	-