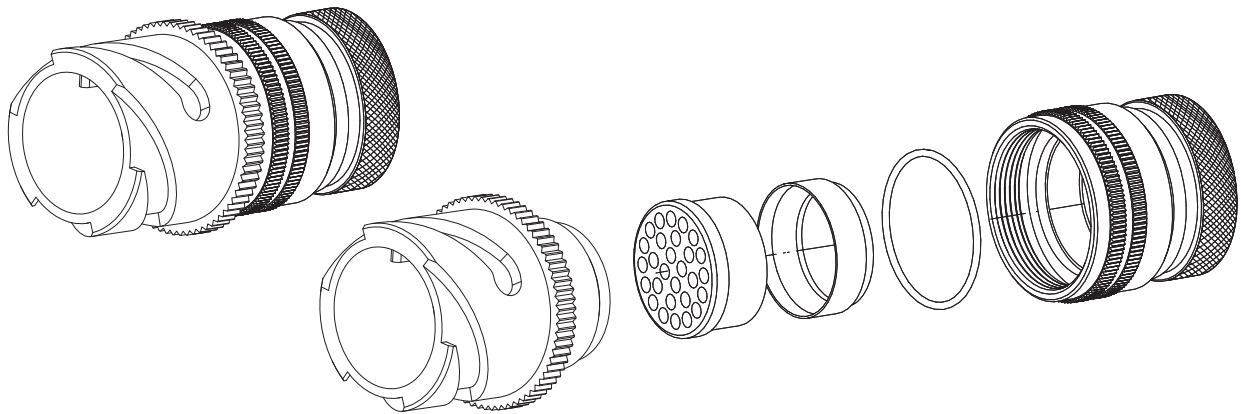
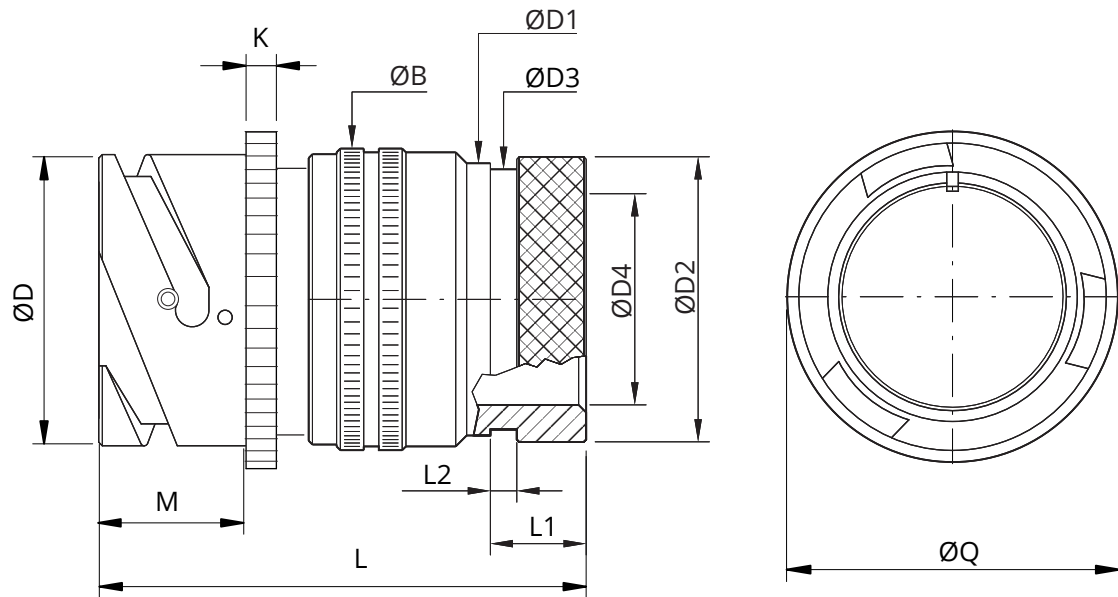


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SERIES RF CVBS

PART NUMBER RF CVBS 01G 28-21P CR F16



Shell size	ØD +0 -0.15	ØQ Max	ØB ±0.2	ØD1 ±0.2	ØD2 ±0.2	ØD3 ±0.2	ØD4 ±0.2	L	L1 ±0.2	L2 ±0.2	K ±0.2	M ±0.2
10SL	18.2	22	20	17	15.5	13.3	7.9	48	11.7	3.5	2.8	14.2
14S	24.6	29	24	20.1	19.1	17	13.5	48	11.7	3.5	3.2	14.5
16S	27.4	31	27	23.5	23.9	21.9	13.7	48	11.7	3.5	3.2	14.2
16	27.4	31	27	23.5	23.9	21.9	16.1	60	11.5	3.5	3.2	19
18	30.8	34	30	26.5	23.9	21.9	19	65	11.5	3.5	4	19
20	34.2	37	32	30.2	29.6	26.2	22.2	65	12.4	3.5	4	19
22	37.4	40	37	33.6	29.6	26.2	22	65	12.7	3.5	4	19.7
24	40.9	44	40	36.1	37.8	34.5	28	65	12.7	3.5	4	20.6
28	46.7	49.5	45	41.4	37.8	34.5	29	65	12.7	3.5	4	20.6
32	53.4	56	52	50	47.8	43.4	35.2	70	15.2	3.5	4	22.2
36	59.6	62.5	58	56	47.7	43.4	40	75	15.2	3.5	4	22.2
40	65.5	68.5	63.2	62.4	57.6	52.4	48	77	15.2	3.5	4	22.2

Dimensions in mm

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

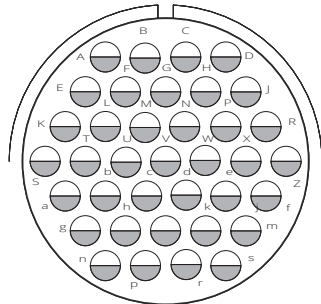
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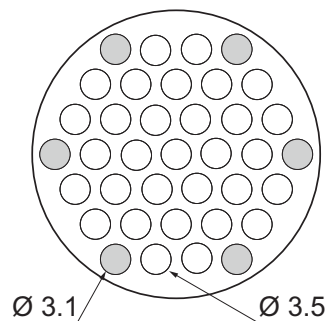
Inserts



Arrangement	28-21
Gender	Pin
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 16P	37	16	crimp	1÷1.5	18÷16	6.5	CRT-784/1	LOC-784	CTIN-784-16	CTES-784-16	GP-784-16

Grommet *



* Consult our sales office for wire specification

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SERIES RF CVBS

PART NUMBER RF CVBS 01G 28-21P CR 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	01	In-line receptacle able to accept rear accessories
Connector Class	G	Backshell suitable for heat shrink tubing applications, provided with grommet and cone
Accessories	–	–
Accessories	–	–
Accessories	–	–
Insert	28-21	Arrangement 28-21
Gender Contacts	P	Pin
Polarization	–	N (0°)
Backshell Details	–	–
Contacts Termination	CR	Crimp
Contact Plating	–	Silver 3.5µ min
Shell Finish	F16	CCF black, conductive - RoHS compliant
Panel Gasket	–	–
Contact modification code	–	–
Customization	–	–

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SERIES RF CVBS

PART NUMBER RF CVBS 01G 28-21P CR F16

Shell type:

Bayonet connector with protected mating ramps
In-line receptacle able to accept rear accessories

Reference Documents:

- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- EN45545-2, NFPA130 (ASTME162, ASTM662, BSS7239)
- European Directive 2011/65/UE (RoHS)

General features:

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

Operating temperatures: -55°C ÷ +125°C

Protection degree (mated connectors; according to EN 60529): IP67

Insulating rubber parts: Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTM662, BSS7239)

Connector supplied with:

- Backshell suitable for heat shrink tubing applications, provided with 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)		
Shells	Aluminum alloy	CCF black, conductive - RoHS compliant	P/N	Description	Quantity
Insulating	Fire behaviour (fire and smoke)*	-	-	-	-
Contacts	Copper alloy	Silver 3.5µ 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	-



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