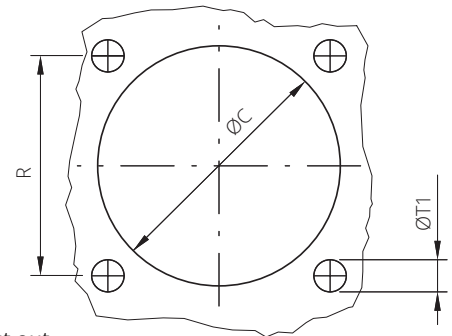
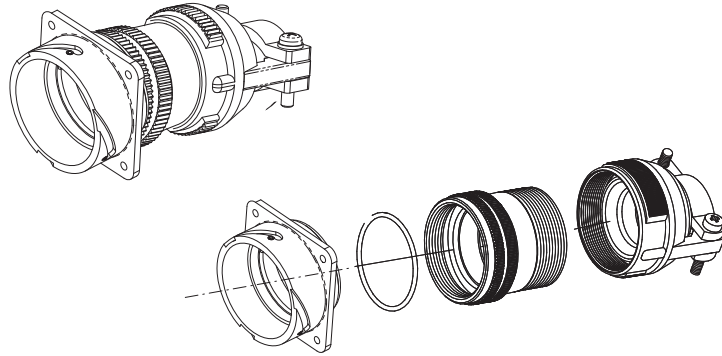
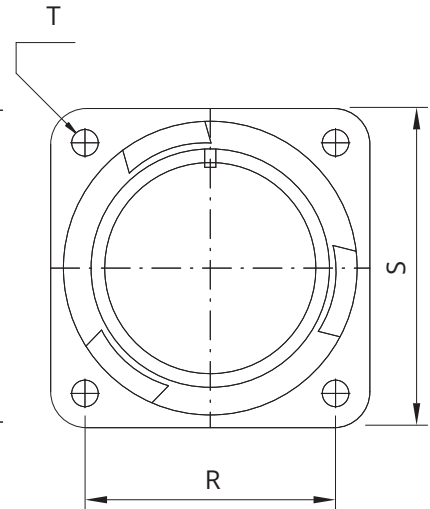
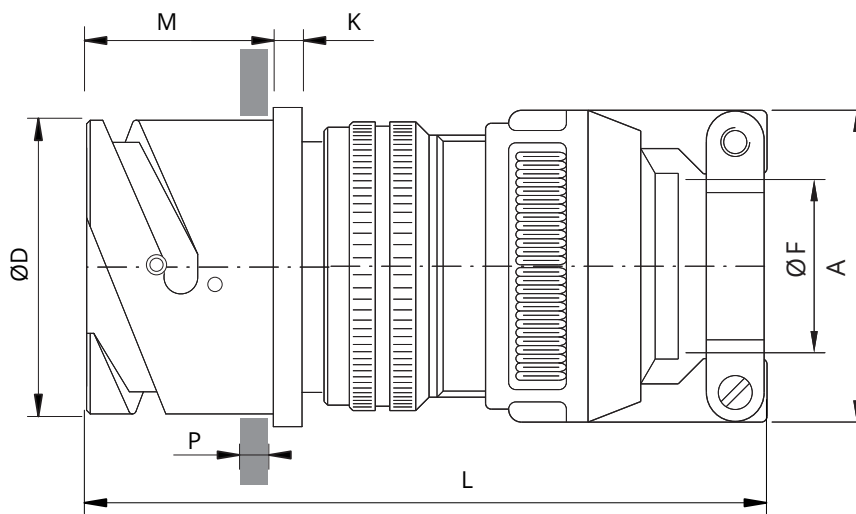




Panel cut out



Shell size	ØD +0 -0.15	ØB ±0.2	L	K ±0.2	M ±0.2	A ±0.2	ØF cable dimension		R ±0.1	S ±0.3	T Through holes	ØT1 Through holes	ØC ±0.2	P Panel Thickness Max
							Min	Max						
10SL	18.2	20	70	2.8	18.2	23	2.4	7.9	18.2	25.4	3.4	6	19.1	6
14S	24.6	24	71.5	3.2	18.6	26	5.8	11.2	23	30.2	3.4	7.2	25.5	7.2
16S	27.4	27	72.5	3.2	18.6	28.5	8	13.5	24.6	32.5	3.4	7.2	28.3	7.2
16	27.4	27	79.5	3.2	23.05	28.5	8	13.5	24.6	32.5	3.4	5.35	28.3	5.35
18	30.8	30	83	4	23.4	32	9.6	15.9	27	34.9	3.4	7.25	31.7	7.25
20	34.2	32	83	4	23.4	37.5	11.3	19	29.4	38.1	3.4	7.3	35	7.3
22	37.4	37	84.5	4	23.4	37.5	11.3	19	31.8	41	3.1	3.4	38.3	7.3
24	40.9	40	91.5	4	23.4	43.5	15.5	23.8	34.9	44.5	3.7	3.9	41.8	6.85
28	46.7	45	98.5	4	24.4	43.5	15.5	23.8	39.7	50.8	3.7	3.9	47.6	7.8
32	53.4	52	103	4	24.4	54	23.4	31.8	44.5	57	4.4	4.5	54.3	7.5
36	59.6	58	107.5	4	24.4	58	25.4	35	49.2	63.5	4.4	4.5	60.5	7.5
40	65.5	63.2	109	4	24.4	63.5	30	41.3	55.6	69.8	4.4	4.5	66.4	7.5

Dimensions in mm

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

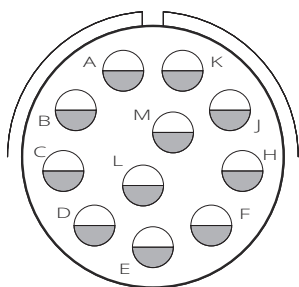
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ISSUE 17-03-21A

SERIES RF CVBS

PART NUMBER RF CVBS 030ACFP 20-33S CR CD5 F7 G

Inserts



Arrangement	20-33
Gender	Socket
No. of contacts	11
Contacts size	N° 11 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	11	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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SERIES RF CVBS

PART NUMBER RF CVBS 030ACFP 20-33S CR CD5 F7 G

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	030	Rear mounting receptacle connector with thread to accept backshells
Connector Class	AC	Standard backshell, MS 3057...C type cable-clamp and waterproof o-ring (for jacketed cable)
Accessories	FP	Receptacle with through holes
Accessories	–	–
Accessories	–	–
Insert	20-33	Arrangement 20-33
Gender Contacts	S	Socket
Polarization	–	N (0°)
Backshell Details	–	–
Contacts Termination	CR	Crimp
Contact Plating	CD5	Nickel + gold 0.4 µ min
Shell Finish	F7	Black epoxy-polyurethane varnish (non conductive), RoHS compliant
Panel Gasket	G	Panel gasket
Contact modification code	–	–
Customization	–	–

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SERIES RF CVBS

PART NUMBER RF CVBS 030ACFP 20-33S CR CD5 F7 G

Shell type:

Bayonet connector with protected mating ramps
Rear mounting receptacle connector with thread to accept backshells

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: 20-33; Socket; the insert is supplied with rotation: N (0°)
Contact: n.11 size 16; Crimp

Operating Temperature: -55 ÷ +150°C

Protection (mated connectors with adequate accessories): IP67

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

Connector supplied with:

- Standard backshell, MS 3057...C type cable-clamp and waterproof o-ring
- Receptacle with through holes
- Panel gasket

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	Black epoxy-polyurethane varnish (non conductive), RoHS compliant	P/N	Description	Quantity
Insulating	Fire behaviour (fire and smoke)	-	C216-20	Panel gasket	1
Contacts	Copper alloy	Nickel + gold 0.4 µ min	-	-	-
Panel Gasket	Chloroprene rubber *	-	-	-	-
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)



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PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-