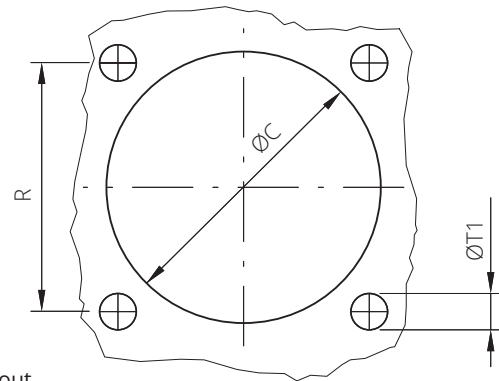
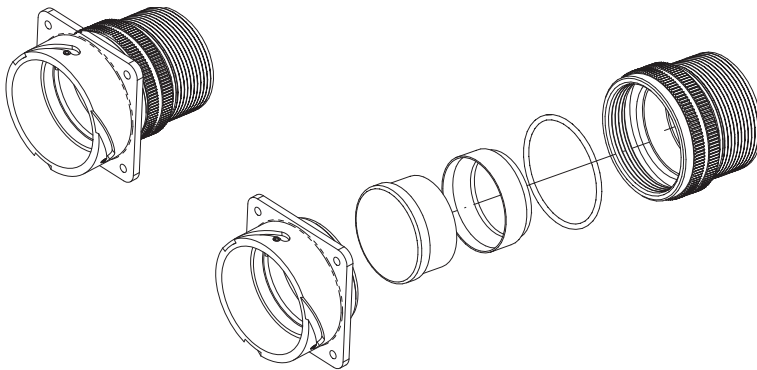
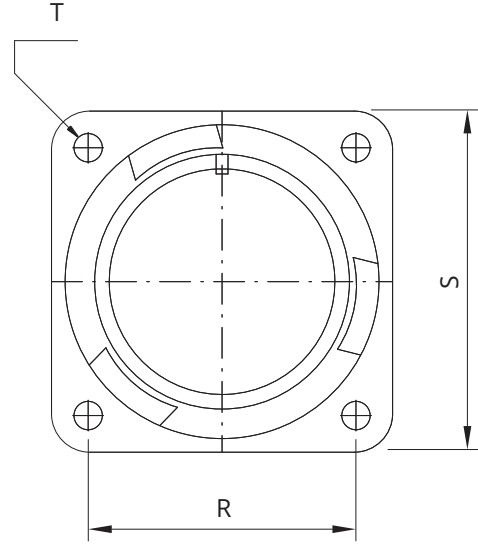
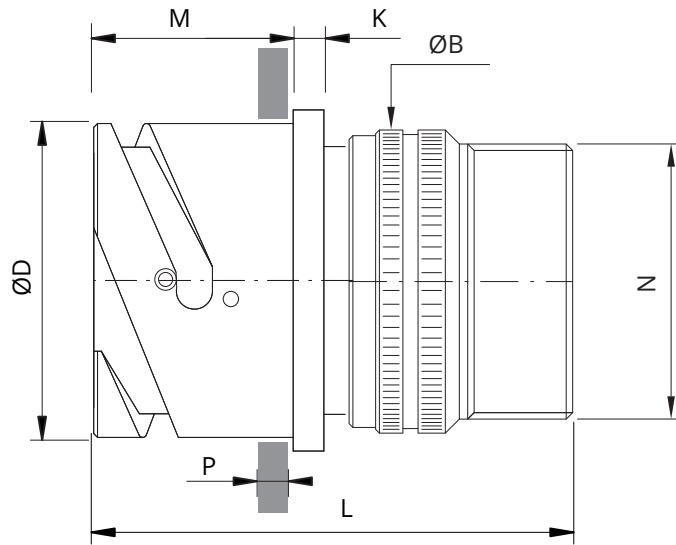


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SERIES RF CVBS

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



Panel cut out

Shell size	ØD +0 -0.15	ØB ±0.2	L	M ±0.2	K ±0.2	N Backshell Thread in inches	R ±0.1	S ±0.3	T Through holes	ØT1 Through holes	ØC ±0.2	P Panel Thickness Max
10SL	18.2	20	46	18.2	2.8	5/8"-24 UNEF	18.2	25.4	3.4	6	19.1	6
14S	24.6	24	47.5	18.6	3.2	3/4"-20 UNEF	23	30.2	3.4	7.2	25.5	7.2
16S	27.4	27	47.5	18.6	3.2	7/8"-20 UNEF	24.6	32.5	3.4	7.2	28.3	7.2
16	27.4	27	54.5	23.05	3.2	7/8"-20 UNEF	24.6	32.5	3.4	5.35	28.3	5.35
18	30.8	30	55.5	23.4	4	1"-20 UNEF	27	34.9	3.4	7.25	31.7	7.25
20	34.2	32	55.5	23.4	4	1" 3/16-18 UNEF	29.4	38.1	3.4	7.3	35	7.3
22	37.4	37	58	23.4	4	1" 3/16-18 UNEF	31.8	41	3.1	3.4	38.3	7.3
24	40.9	40	58	23.4	4	1" 7/16-18 UNEF	34.9	44.5	3.7	3.9	41.8	6.85
28	46.7	45	65	24.4	4	1" 7/16-18 UNEF	39.7	50.8	3.7	3.9	47.6	7.8
32	53.4	52	65	24.4	4	1" 3/4-18 UNS	44.5	57	4.4	4.5	54.3	7.5
36	59.6	58	65	24.4	4	2"-18 UNS	49.2	63.5	4.4	4.5	60.5	7.5
40	65.5	63.2	65	24.4	4	2" 1/4-16 UN	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.

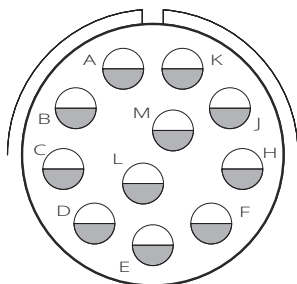
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Inserts

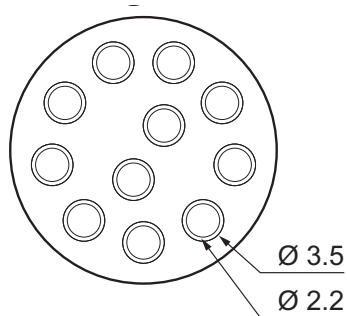


Arrangement	20-33
Gender	Socket
No. of contacts	11
Contacts size	N° 11 x #16 (22A Max)
Service Rating	A (700Vdc - 500Vac)
Rotation	N (0°)

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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Grommet *



* Consult our sales office for wire specification

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SERIES RF CVBS

PART NUMBER RF CVBS 030RAFP 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	RA	Standard backshell having an external thread suitable for MS3057...A or C type cacle clamps, with waterproof O-ring, grommet and cone
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 030RAFP 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

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 having an external thread suitable for MS3057...A or C type cable clamps, with waterproof O-ring, grommet and cone
- 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 rubber 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	-