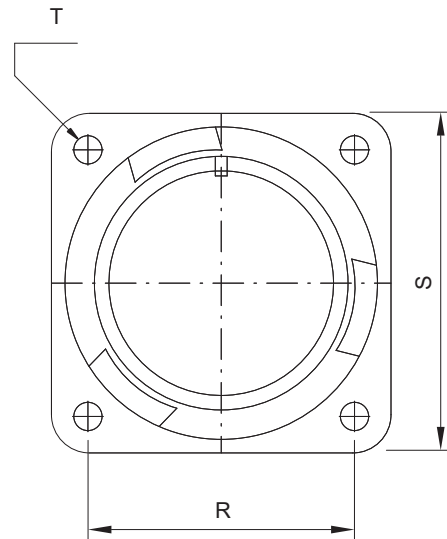
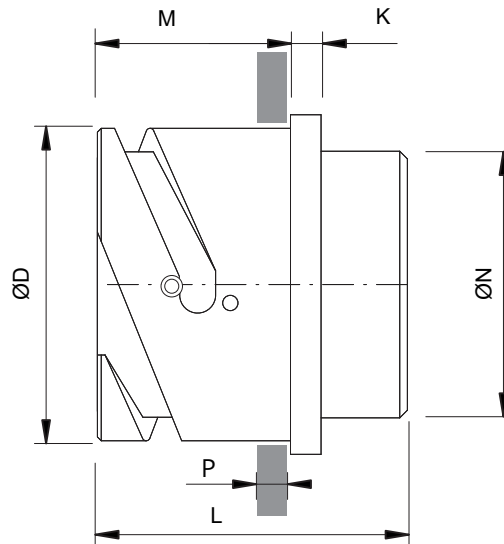
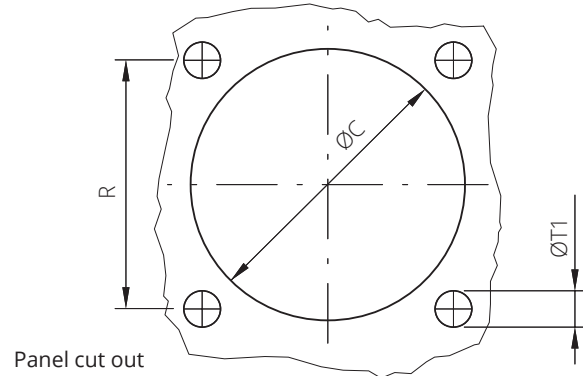
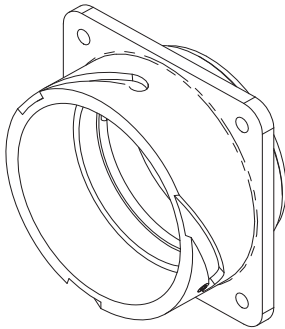


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SERIES RF CVBS

PART NUMBER RF CVBS 030 20-7S CR CD5 F16



Shell size	ØD +0 -0.15	L	K ±0.2	M ±0.2	N Thread in inches	R ±0.1	S ±0.3	ØT	ØT1	ØC ±0.2	P Panel Thickness Max
10SL	18.2	30	2.8	18.2	5/8"-24 UNEF	18.2	25.4	M4	4.5	19.1	6
14S	24.6	30	3.2	18.6	3/4"-20 UNEF	23	30.2	M4	4.5	25.5	7.2
16S	27.4	30	3.2	18.6	7/8"-20 UNEF	24.6	32.5	M4	4.5	28.3	7.2
16	27.4	38.8	3.2	23.05	7/8"-20 UNEF	24.6	32.5	M4	4.5	28.3	5.35
18	30.8	38.5	4	23.4	1"-20 UNEF	27	34.9	M4	4.5	31.7	7.25
20	34.2	39.1	4	23.4	1" 1/8-18 UNEF	29.4	38.1	M4	4.5	35	7.3
22	37.4	39.3	4	23.4	1" 1/4-18 UNEF	31.8	41	M4	4.5	38.3	7.3
24	40.9	38.8	4	23.4	1" 3/8-18 UNEF	34.9	44.5	M4	4.5	41.8	6.85
28	46.7	39.1	4	24.4	1" 5/8-18 UNEF	39.7	50.8	M5	5.5	47.6	7.8
32	53.4	38.4	4	24.4	1" 7/8-16 UN	44.5	57	M5	5.5	54.3	7.5
36	59.6	39.9	4	24.4	2" 1/16-16 UNS	49.2	63.5	M5	5.5	60.5	7.5
40	65.5	38.5	4	24.4	2" 5/16-16 UNS	55.6	69.8	M5	5.5	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.

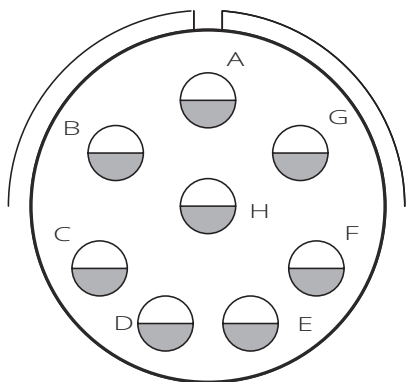
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SERIES RF CVBS

PART NUMBER RF CVBS 030 20-7S CR CD5 F16

Inserts



Arrangement	20-7
Gender	Socket
No. of contacts	8
Contacts size	N° 8 x #16 (22A Max)
Service Rating	A,B,H,G=D - Bal.=A
	A,B,H,G=1250 Vdc - Bal.=700Vdc
	A,B,H,G=900 Vac - Bal.=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	8	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 030 20-7S 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	030	Rear mounting receptacle connector with thread to accept backshells
Connector Class	–	No rear accessories
Accessories	–	-
Accessories	–	-
Accessories	–	-
Insert	20-7	Arrangement 20-7
Gender Contacts	S	Socket
Polarization	–	N (0°)
Backshell Details	–	-
Contacts Termination	CR	Crimp
Contact Plating	CD5	Nickel + gold 0.4 µ 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 030 20-7S CR CD5 F16

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: 20-7; Socket; the insert is supplied with rotation: N (0°)
 Contact: n.8 size 16; Crimp

Operating Temperature: -55 ÷ +150°C

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

Connector supplied with:

- No rear accessories

Electrical specifications:

Nominal Voltage: A,B,H,G=1250 Vdc - Bal.=700 Vdc / A,B,H,G=900 Vac - Bal.=500 Vac (service A,B,H,G=D - Bal.=A)

Test Voltage: A,B,H,G=2800 Vac - Bal.=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	Nickel + gold 0.4 µ min	-	-	-
Panel Gasket	-	-	-	-	-
Others part	-	-	-	-	-

PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-