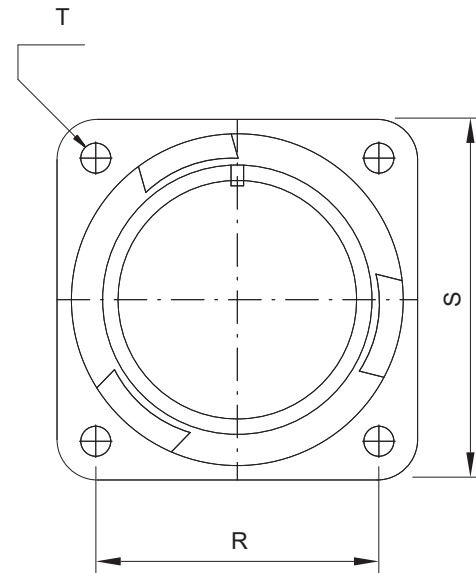
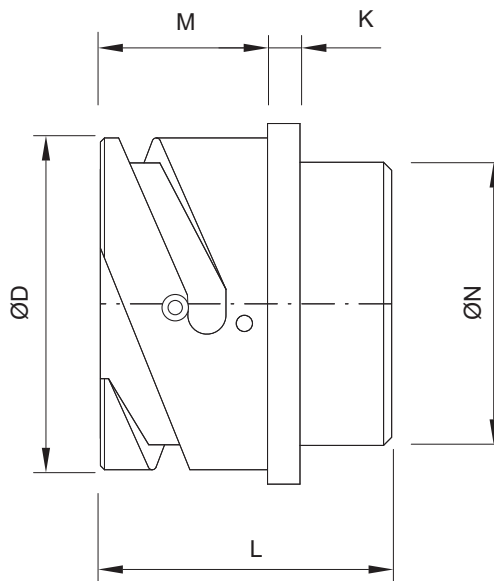
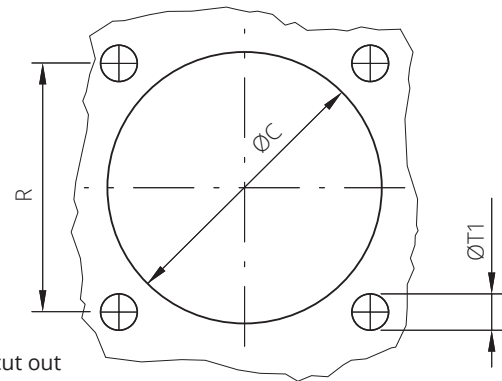
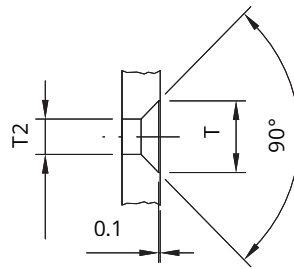
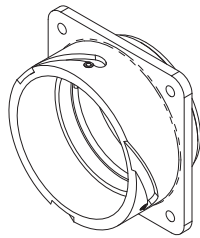




Shell size	ØD +0 -0.15	L	K ±0.2	M ±0.2	ØN Max	R ±0.1	S ±0.3	ØT	ØT2	ØT1 Through holes	ØC ±0.2
10SL	18.2	24.6	2.8	14.2	16.1	18.2	25.4	6.5	3.2	3.4	17
14S	24.6	24.6	3.2	14.5	19.2	23	30.2	6.5	3.2	3.4	20
16S	27.4	24.6	3.2	14.2	22.5	24.6	32.5	6.5	3.2	3.4	23
16	27.4	34.1	3.2	19	22.4	24.6	32.5	6.5	3.2	3.4	23
18	30.8	34.1	4	19	25.6	27	34.9	6.5	3.2	3.4	26.5
20	34.2	34.3	4	19	28.8	29.4	38.1	6.5	3.2	3.4	30
22	37.4	34.3	4	19.7	32.2	31.8	41	6.5	3.2	3.4	33
24	40.9	35.8	4	20.6	35.3	34.9	44.5	7.5	3.7	3.9	36
28	46.7	35.8	4	20.6	41.5	39.7	50.8	7.5	3.7	3.9	42
32	53.4	37.6	4	22.2	47.8	44.5	57	8	4.3	4.5	48.5
36	59.6	37.6	4	22.2	52.6	49.2	63.5	8.5	4.3	4.5	55
40	65.5	37.6	4	22.2	59.2	55.6	69.8	8.5	4.3	4.5	61

Dimensions in mm

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

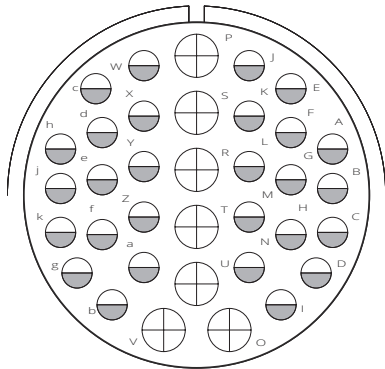
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ISSUE 24-03-21A

SERIES RF CVBS

PART NUMBER RF CVBS 02RFS 32-7P CR CD5 F16 G3

Inserts



Arrangement	32-7
Gender	Pin
No. of contacts	35
Contacts size	N° 28 x #16 (22A Max)
	N° 7 x #12 (41A Max)
Service Rating	A,B,h,j=l - Bal.=A
	A,B,h,j=250 Vdc - Bal.=700Vdc
	A,B,h,j=200 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 16P CD5	28	16	crimp	1÷1.5	18÷16	6.3	CRT-784/1	LOC-784	CTIN-784-16	CTES-784-16	GP-784-16
ST485 12P CD5	7	12	crimp	3	12	8.3	CRT-784/1	LOC-784	CTIN-784-12	CTES-784-12	GP-784-12

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SERIES RF CVBS

PART NUMBER RF CVBS 02RFS 32-7P CR CD5 F16 G3

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	02R	Front mounting receptacle connector enviromental seal (unable to accept rear accessories)
Connector Class	_	No rear accessories
Accessories	FS	Receptacle with countersunk holes
Accessories	_	-
Accessories	_	-
Insert	32-7	Arrangement 32-7
Gender Contacts	P	Pin
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	G3	Panel shielded gasket. Elastomer binder: Silicone. Conductive filler: Nickel Graphite
Contact modification code	_	-
Customization	_	-

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SERIES RF CVBS

PART NUMBER RF CVBS 02RFS 32-7P CR CD5 F16 G3

Shell type:

Bayonet connector with protected mating ramps

Front mounting receptacle connector enviromental seal (unable to accept rear accessories)

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: 32-7; Pin; the insert is supplied with rotation: N (0°)

Contact: n.7 size 12; n.28 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:

- No rear accessories
- Receptacle with countersunk holes
- Panel shielded gasket. Elastomer binder: Silicone. Conductive filler: Nickel Graphite

Electrical specifications:

Nominal Voltage: A,B,h,j=250 Vdc - Bal.=700 Vdc / A,B,h,j=200 Vac - Bal.=500 Vac (service A,B,h,j=l - Bal.=A)

Test Voltage: A,B,h,j=1000 Vac - Bal.=2000 Vac

Current Rating, single contact:

- maximum current: 41A (#12) 22A (#16) with ambient temperature 20°C
- rated current: 23A (#12) 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)	-	C215G3-32	Panel gasket	1
Contacts	Copper alloy	Nickel + gold 0.4 µ min	-	-	-
Panel Gasket	Elastomer binder: Silicone. Conductive filler: Nickel Graphite *	-	-	-	-
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	-