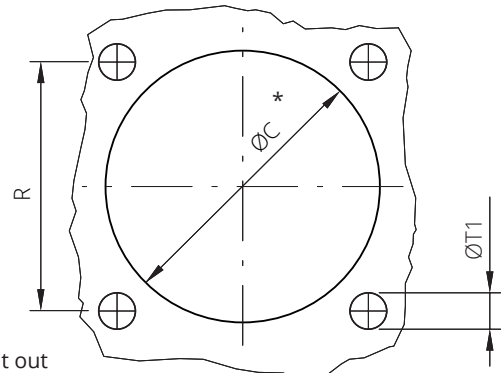
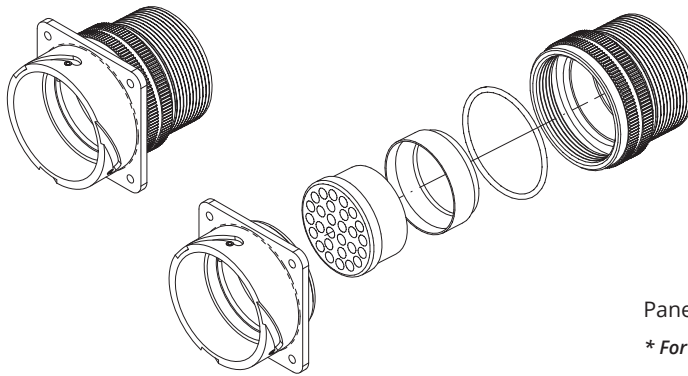


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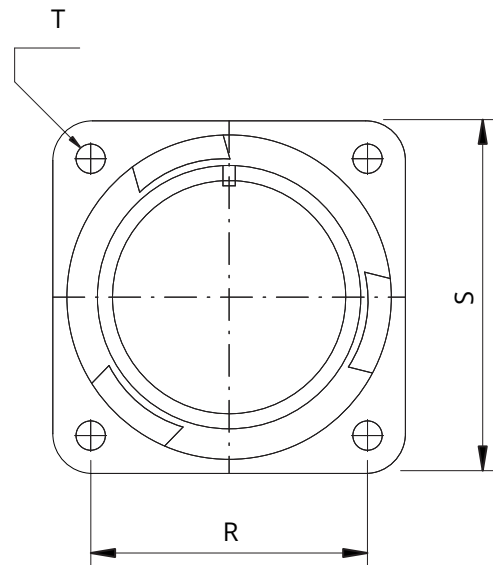
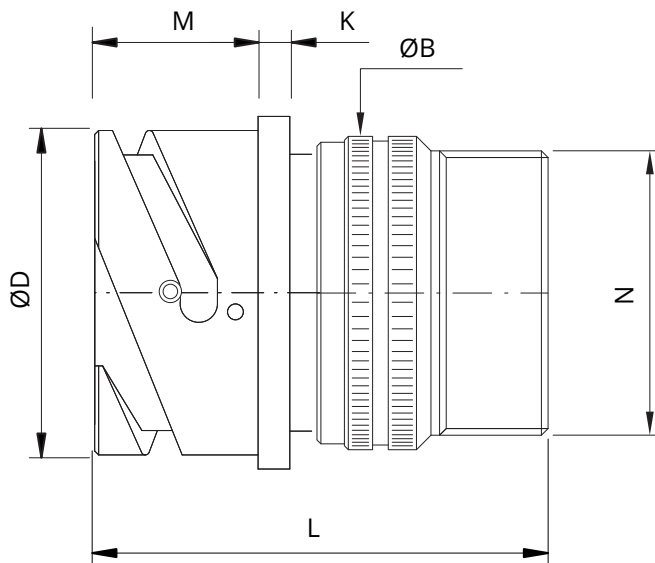
SERIES RF CVBS

PART NUMBER RF CVBS 00RA 28-18S CR CD5 F16 G2



Panel cut out

* For installation with backshell mounted, consult our sales office.



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	ØT ±0.2	ØT1 Through holes	ØC* ±0.2
10SL	18.2	20	41	14.2	2.8	5/8"-24 UNEF	18.2	25.4	3.1	3.4	17
14S	24.6	24	42.5	14.5	3.2	3/4"-20 UNEF	23	30.2	3.1	3.4	20
16S	27.4	27	42.5	14.2	3.2	7/8"-20 UNEF	24.6	32.5	3.1	3.4	23
16	27.4	27	50	19	3.2	7/8"-20 UNEF	24.6	32.5	3.1	3.4	23
18	30.8	30	52	19	4	1"-20 UNEF	27	34.9	3.1	3.4	26.5
20	34.2	32	51	19	4	1" 3/16-18 UNEF	29.4	38.1	3.1	3.4	30
22	37.4	37	54	19.7	4	1" 3/16-18 UNEF	31.8	41	3.1	3.4	33
24	40.9	40	54	20.6	4	1" 7/16-18 UNEF	34.9	44.5	3.7	3.9	36
28	46.7	45	62	20.6	4	1" 7/16-18 UNEF	39.7	50.8	3.7	3.9	42
32	53.4	52	63	22.2	4	1" 3/4-18 UNS	44.5	57	4.4	4.5	48.5
36	59.6	58	63	22.2	4	2"-18 UNS	49.2	63.5	4.4	4.5	55
40	65.5	63.2	63	22.2	4	2" 1/4-16 UN	55.6	69.8	4.4	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.

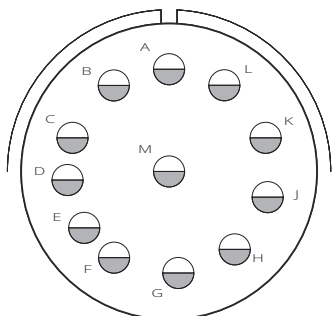
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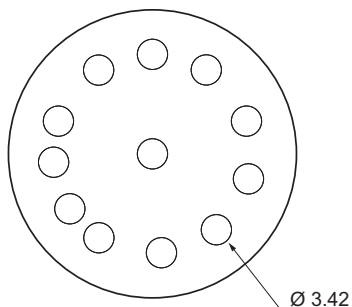
Inserts



Arrangement	28-18
Gender	Socket
No. of contacts	12
Contacts size	N° 12 x #16 (22A Max)
Service Rating	M=C - A,B=A - G,H,J,K,L=D - Bal.=I
	M=4200 Vdc - A,B=700 Vdc - G,H,J,K,L=1250 - Bal.=250Vdc M=3000 Vac - A,B=500 Vac - G,H,J,K,L=900 - Bal.=200Vac
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	12	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 00RA 28-18S CR CD5 F16 G2

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	00	Front mounting receptacle connector able to accept rear accessories (ordered with accessories)
Connector Class	RA	Standard backshell having an external thread suitable for MS3057...A or C type cable clamps, with waterproof O-ring, grommet and cone
Accessories	–	-
Accessories	–	-
Accessories	–	-
Insert	28-18	Arrangement 28-18
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	G2	Panel shielded gasket
Contact modification code	–	-
Customization	–	-

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SERIES RF CVBS

PART NUMBER RF CVBS 00RA 28-18S CR CD5 F16 G2

Shell type:

Bayonet connector with protected mating ramps

Front mounting receptacle connector able to accept rear accessories (ordered with 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: 28-18; Socket; the insert is supplied with rotation: N (0°)

Contact: n.12 size 16; Crimp

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

Protection degree (mated connectors; according to EN 60529): 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 cacle clamps, with waterproof O-ring, grommet and cone
- Panel shielded gasket

Electrical specifications:

Nominal Voltage: M=4200 Vdc - A,B=700 Vdc - G,H,J,K,L=1250 - Bal.=250 Vdc / M=3000 Vac - A,B=500 Vac - G,H,J,K,L=900 - Bal.=200 Vac (service M=C - A,B=A - G,H,J,K,L=D - Bal.=I)

Test Voltage: M=7000 Vac - A,B=2000 Vac - G,H,J,K,L=2800 Vac - Bal.=1000 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)	-	C215R-28	Panel gasket	1
Contacts	Copper alloy	Nickel + gold 0.4 µ min	-	-	-
Panel Gasket	Conductive gasket *	-	-	-	-
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)

PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-



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