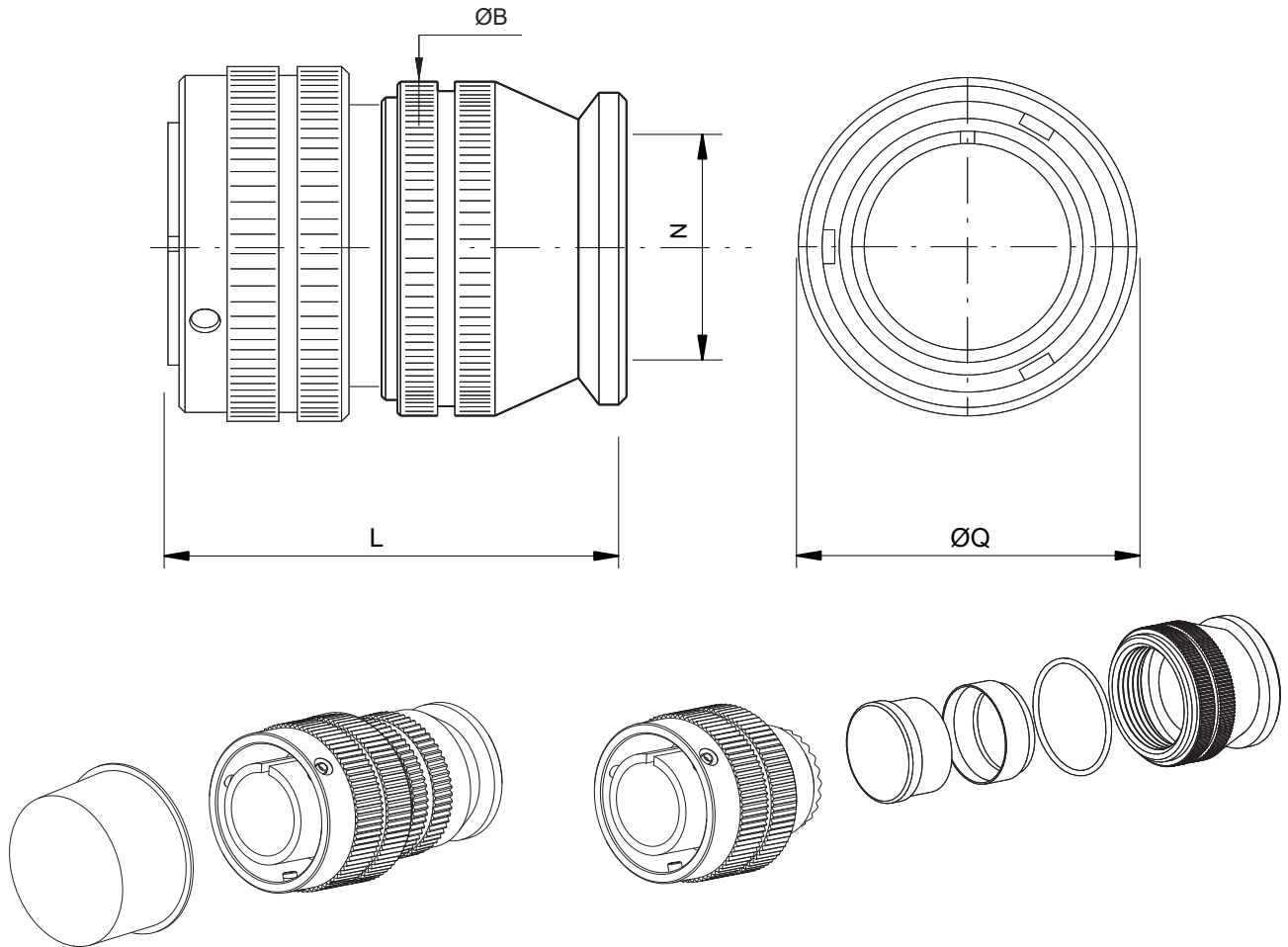


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SERIES RF CVBS

PART NUMBER RF CVBS 06RT 20-27S LC F7



Shell size	ØQ ±0.2	ØB ±0.2	L max	N max cable dimension
10SL	23.3	20	36	10
14S	29.5	24	42	13.5
16S	33	27	42	16.1
16	33	27	48	16.5
18	37	30	51	19
20	41	32	51	22.2
22	43	37	54	24.5
24	48	40	54	28
28	53	45	61	32.6
32	60	52	61	38
36	66.2	58	61	45
40	72.4	63.8	63	51.3

Dimensions in mm

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

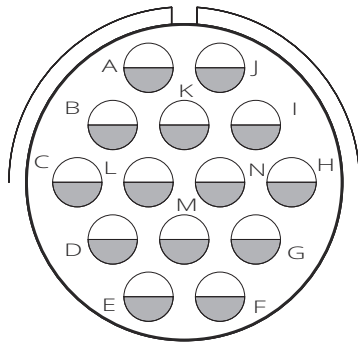
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SERIES RF CVBS

PART NUMBER RF CVBS 06RT 20-27S LC F7

Inserts



Arrangement	20-27
Gender	Socket
No. of contacts	14
Contacts size	N° 14 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
-	-	-	-	-	-	-	-	-	-	-	-

Grommet *

Wire Outside Diameter

Size	mm
#16	3.42

* Consult our sales office for wire specification

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SERIES RF CVBS

PART NUMBER RF CVBS 06RT 20-27S LC F7

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	06	Plug connector for straight backshell, with coupling nut
Connector Class	R	Shortened backshell suitable to connect single wires, provided with grommet and cone
Accessories	T	Plastic protection cap
Accessories	–	-
Accessories	–	-
Insert	20-27	Arrangement 20-27
Gender Contacts	S	Socket
Polarization	–	N (0°)
Backshell Details	–	-
Contacts Termination	LC	Less contacts (to be purchased separately)
Contact Plating	–	-
Shell Finish	F7	Black epoxy-polyurethane varnish (non conductive), RoHS compliant
Panel Gasket	–	-
Contact modification code	–	-
Customization	–	-

* The creepage distance is reduced for the insert with contacts for larger wires than the standard ones.
The contacts with reduced ØD for smaller wire may be a sealing problem with grommets.
The contacts with enlarged ØD for larger wires may be difficulties with grommets.
Please contact our sales office.

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SERIES RF CVBS

PART NUMBER RF CVBS 06RT 20-27S LC F7

Shell type:

Bayonet connector with protected mating ramps
Plug connector for straight backshell, with coupling nut

Reference Documents:

- SAE AS 50151 (ex MIL-C-5015 where applicable)
- VG 95234 (where applicable)
- EN 60529
- EN45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)
- European Directive 2011/65/UE (RoHS)

General features:

Arrangement: 20-27; Socket; the insert is supplied with rotation: N (0°)
Contact: n.14 size 16; Less contacts (to be purchased separately)

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:

- Shortened backshell suitable to connect single wires, provided with grommet and cone
- Plastic protection cap

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

** The creepage distance is reduced for the insert with contacts for larger wires than the standard ones.*

The contacts with reduced ØD for smaller wire may be a sealing problem with grommets.

The contacts with enlarged ØD for larger wires may be difficulties with grommets.

Please contact our sales office.

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)	-	-	-	-
Contacts	-	-	-	-	-
Panel Gasket	-	-	-	-	-
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)*

PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-