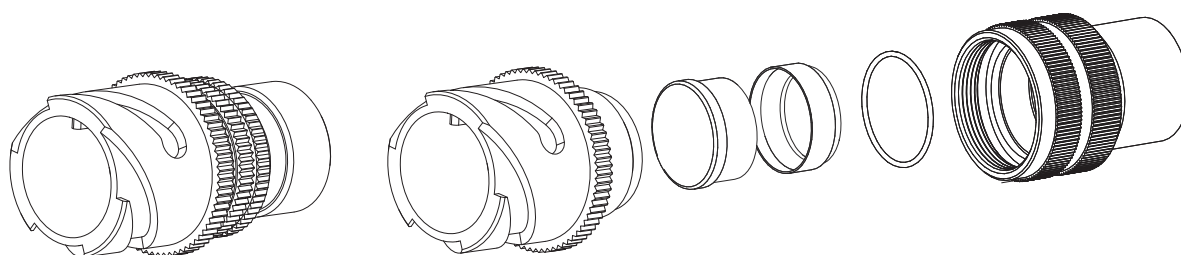
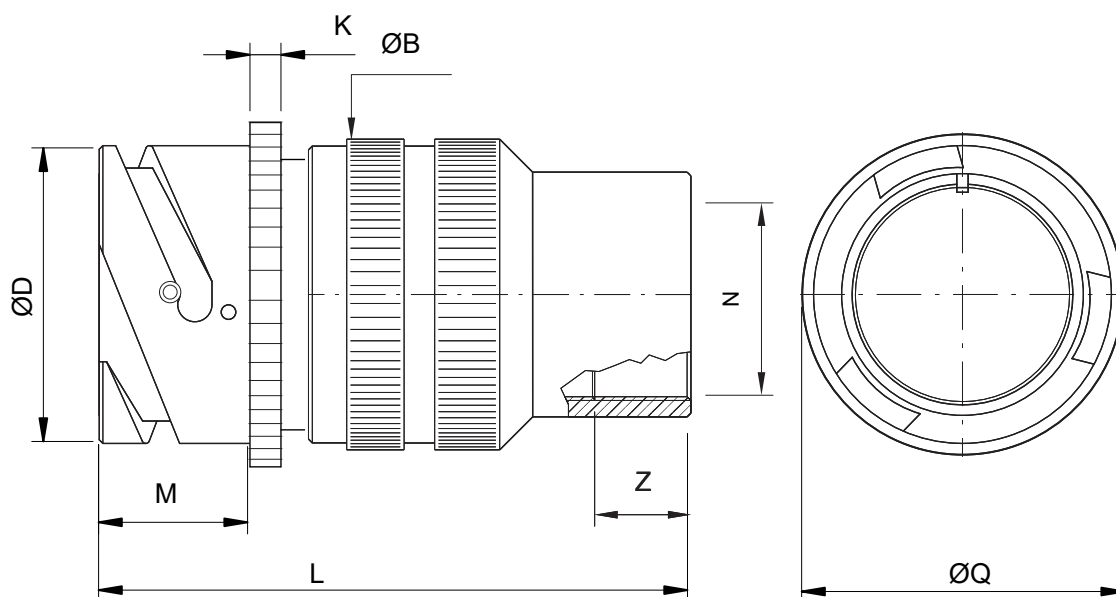


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SERIES RF CVBS

PART NUMBER RF CVBS 01RA 18-1S M20 LC F16



Shell size	ØD +0 -0.15	ØQ Max	ØB ±0.2	M ±0.2	K ±0.2	L	Z min	N Backshell Metric Thread
18	30.8	34	30	19	4	74	12	M20

Dimensions in mm

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

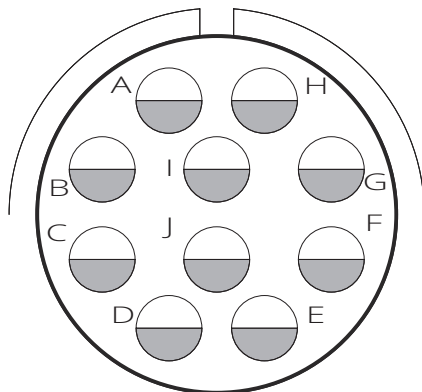
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SERIES RF CVBS

PART NUMBER RF CVBS 01RA 18-1S M20 LC F16

Inserts

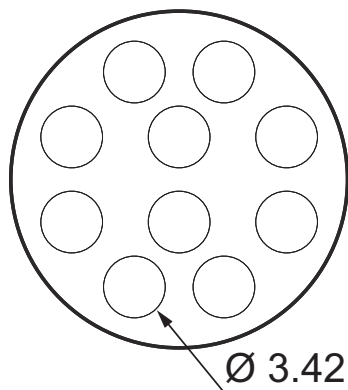


Arrangement	18-1
Gender	Socket
No. of contacts	10
Contacts size	N° 10 x #16 (22A Max)
Service Rating	B,C,F,G=A - Bal.=I
	B,C,F,G=700 Vdc - Bal.=250Vdc
	B,C,F,G=500 Vac - Bal.=200Vac
Rotation	N (0°)

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
-	-	-	-	-	-	-	-	-	-	-	-

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Grommet *



* Consult our sales office for wire specification

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SERIES RF CVBS

PART NUMBER RF CVBS 01RA 18-1S M20 LC 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	01	In-line receptacle able to accept rear accessories
Connector Class	RA	Backshell with waterproof o-ring, grommet and cone. Internal Metric thread M20
Accessories	–	-
Accessories	–	-
Accessories	–	-
Insert	18-1	Arrangement 18-1
Gender Contacts	S	Socket
Polarization	–	N (0°)
Backshell Details	M20	Internal Metric thread M20
Contacts Termination	LC	Less contacts (to be purchased separately)
Contact Plating	–	-
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 01RA 18-1S M20 LC F16

Shell type:

Bayonet connector with protected mating ramps
In-line receptacle able to accept rear accessories

Reference Documents:

- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- EN45545-2, NFPA130 (ASTME162, ASTM662, BSS7239)
- European Directive 2011/65/UE (RoHS)

General features:

Arrangement: 18-1; Socket; the insert is supplied with rotation: N (0°)
Contact: n.10 size 16; Less contacts (to be purchased separately)

Operating Temperature: -55 ÷ +150°C

IP Protection degree according EN60529 (mated connectors with adequate accessories): 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, ASTM662, BSS7239)

Connector supplied with:

- Backshell with waterproof o-ring, grommet and cone. Internal Metric thread M20

Electrical specifications:

Nominal Voltage: B,C,F,G=700 Vdc - Bal.=250 Vdc / B,C,F,G=500 Vac - Bal.=200 Vac (service B,C,F,G=A - Bal.=I)

Test Voltage: B,C,F,G=2000 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)	-	-	-	-
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	-