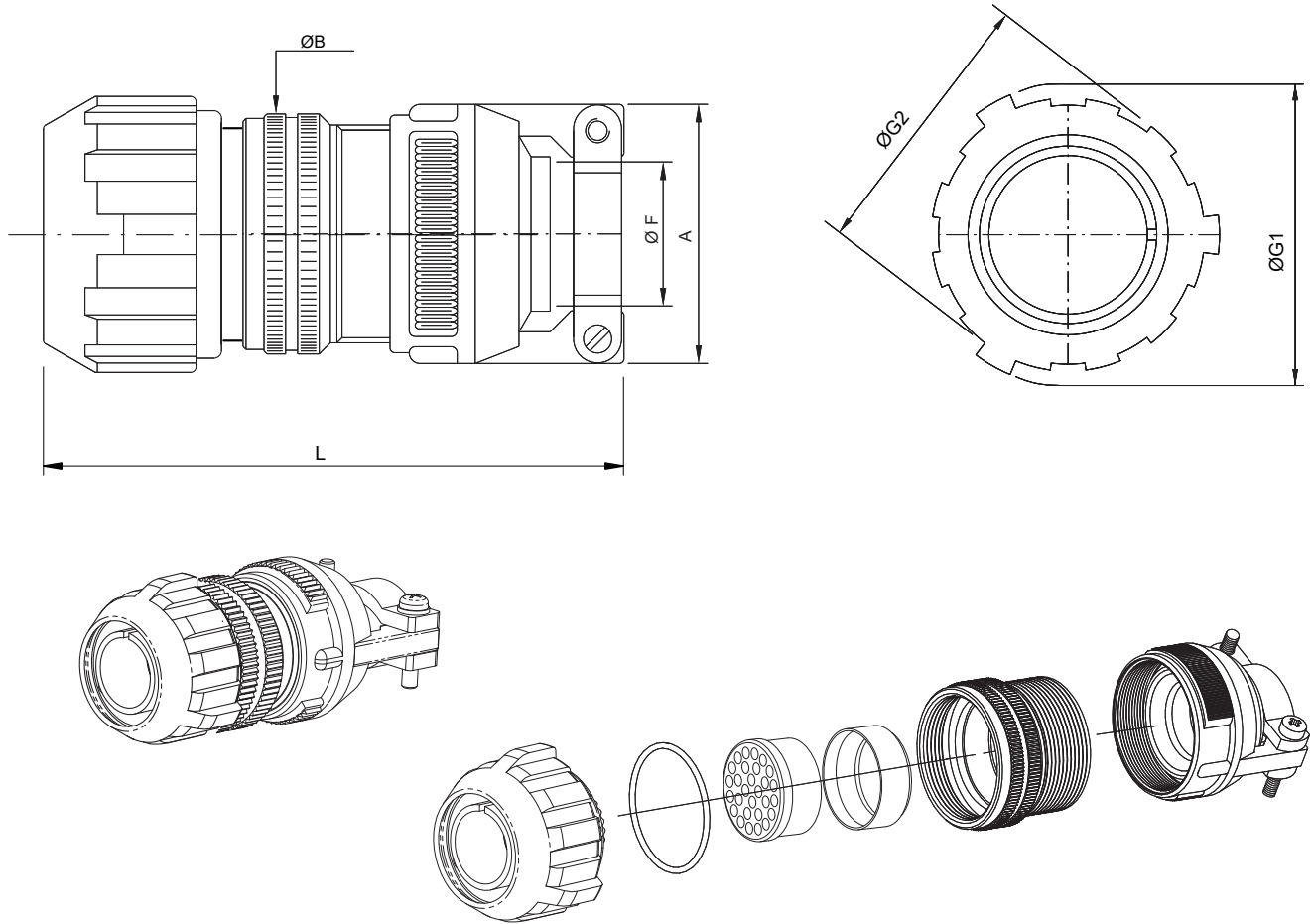


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SERIES RF CVBS

PART NUMBER RF CVBS 06ACFGG 40A31S LC F16



Shell size	ØG1	ØG2	L max	ØB ±0.2	A max	ØF cable dimension	
						Min	Max
10SL	33.5	28.5	62.5	20	22.7	2.4	7.9
14S	40.2	34.7	69.5	24	25.8	5.8	11.2
16S	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
18	49	43.5	83.5	30	31.7	9.6	15.9
20	51.5	46	83.5	32	37.3	11.3	19
22	56	50.5	85.5	37	37.3	11.3	19
24	60	54	92.5	40	43.2	15.5	23.8
28	67	61	99.5	45	43.2	15.5	23.8
32	76	69	104	52	54	23.8	31.8
36	82	73.5	108.5	58	57.8	25.4	35
40	88	80	112	63.8	63.4	30	41.3

Dimensions in mm

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

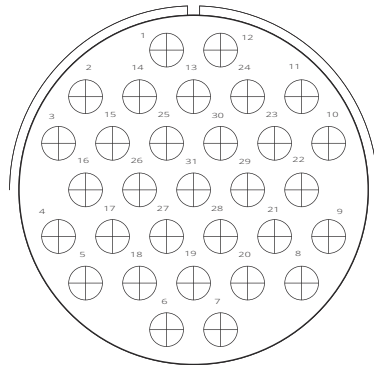
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SERIES RF CVBS

PART NUMBER RF CVBS 06ACFGG 40A31S LC F16

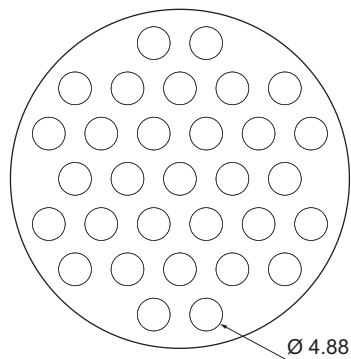
Inserts



Arrangement	40A31
Gender	Socket
No. of contacts	31
Contacts size	N° 31 x #12 (41A Max)
Service Rating	D (1250Vdc - 900Vac)
Rotation	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



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SERIES RF CVBS

PART NUMBER RF CVBS 06ACFGG 40A31S 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	06	Plug connector for straight backshell, with coupling nut
Connector Class	ACF	Standard backshell, waterproof O-ring , MS 3057...C type cable-clamp, grommet and cone
Accessories	GG	With rubber-coated nut
Accessories	–	-
Accessories	–	-
Insert	40A31	Arrangement 40A31
Gender Contacts	S	Socket
Polarization	–	N (0°)
Backshell Details	–	-
Contacts Termination	LC	Loose type (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 06ACFGG 40A31S LC F16

Shell type:

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

Reference Documents:

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

General features:

Arrangement: 40A31; Socket; the insert is supplied with rotation: N (0°)
Contact: n.31 size 12; Loose type (to be purchased separately)

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

Protection degree (mated connectors; according to EN 60529): IP67

Insulating rubber parts: Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTM662, BSS7239)

Connector supplied with:

- Standard backshell, waterproof O-ring, MS 3057...C type cable-clamp, grommet and cone
- With rubber-coated nut

Electrical specifications:

Nominal Voltage: 1250 Vdc / 900 Vac (service D)

Test Voltage: 2800 Vac

Current Rating, single contact:

- maximum current: 41A (#12) with ambient temperature 20°C
- rated current: 23A (#12) 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	-	-	-	-	-

PACKAGING

Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-


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