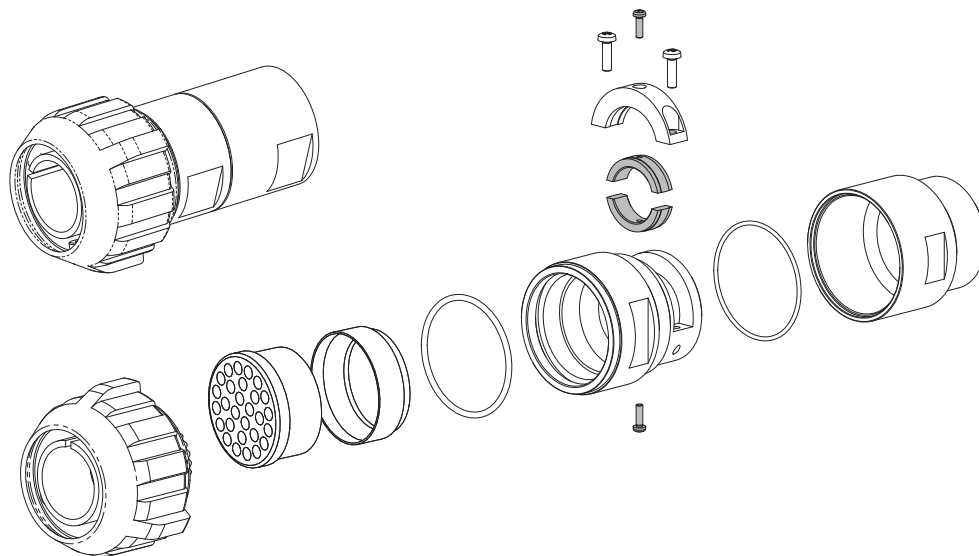
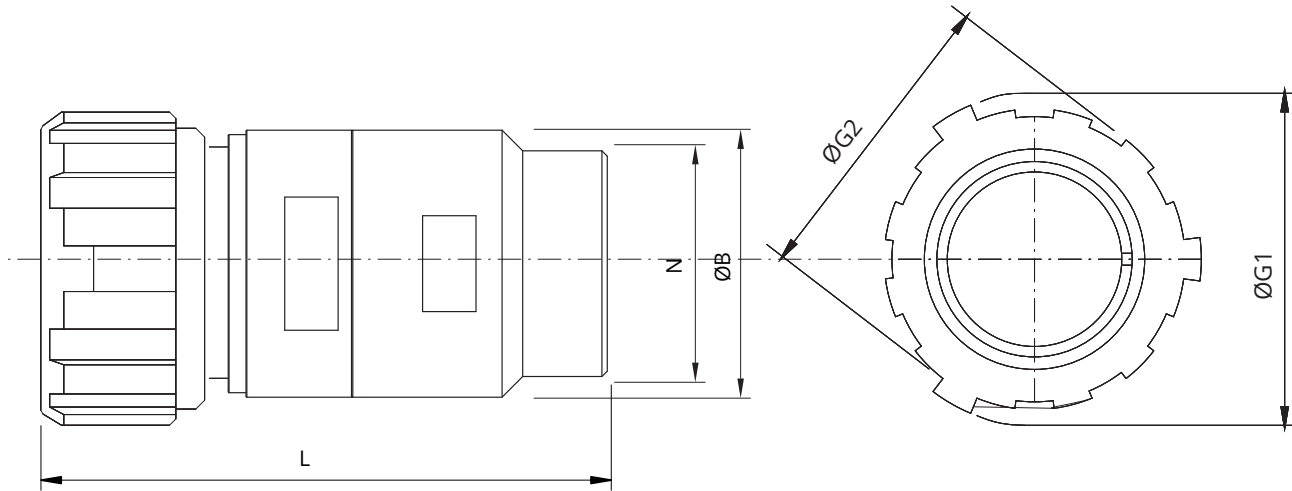


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Shell size	ØG1	ØG2	ØB ±0.2	L	N Backshell Thread in inches	Cable Range		
						ST	ST1	ST2
18	49	43.5	30	90	1"-20 UNEF	14-9	9-4	*
20	51.5	46	32	90	1" 3/16-18 UNEF	19-14	14-9	*
22	56	50.5	38	90	1" 3/16-18 UNEF	19-14	14-9	*
24	60	54	45	100	1" 7/16-18 UNEF	23-18	18-13	*
28	67	61	48	100	1" 7/16-18 UNEF	23-18	18-13	*
32	76	69	55	110	1" 3/4-18 UNS	31-25	25-19	19-13
36	82	73.5	58	115	2"-18 UNS	33-25	25-18	*
40	88	80	65	115	2"1/4-16 UN	39-31	31-24	24-16

Dimensions in mm

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

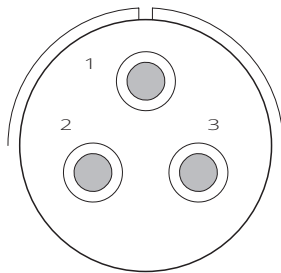
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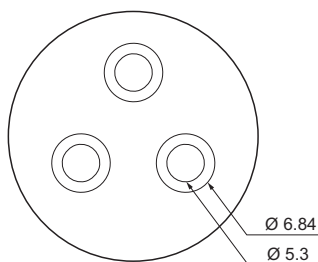
Inserts



Arrangement	28A3
Gender	Socket
No. of contacts	3
Contacts size	N° 3 x #8 (73A Max)
Service Rating	B (2450Vdc - 1750Vac)
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 *



* Consult our sales office for wire specification

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SERIES RF CVBS

PART NUMBER RF CVBS 61ST1GG 28A3S 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	61	Plug connector, for straight backshell, coupling nut rubber covered (short version)
Connector Class	ST1	Backshell with internal cable retention system with 1 half-clamp, on request with 2 additional half-clamps for cable diameter reduction
Accessories	GG	With rubber-coated nut
Accessories	–	-
Accessories	–	-
Insert	28A3	Arrangement 28A3
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	–	-

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SERIES RF CVBS

PART NUMBER RF CVBS 61ST1GG 28A3S LC F7

Shell type:

Bayonet connector with protected mating ramps
Plug connector, for straight backshell, coupling nut rubber covered (short version)

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: 28A3; Socket; the insert is supplied with rotation: N (0°)
Contact: n.3 size 8; Less contacts (to be purchased separately)

Operating Temperature: -55 ÷ +150°C

Protection (mated connectors with adequate accessories): IP67

Insulating rubber parts: Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)

Connector supplied with:

- Backshell with internal cable retention system with 1 half-clamp, on request with 2 additional half-clamps for cable diameter reduction
- With rubber-coated nut

Electrical specifications:

Nominal Voltage: 2450 Vdc / 1750 Vac (service B)

Test Voltage: 4500 Vac

Current Rating, single contact:

- maximum current: 73A (#8) with ambient temperature 20°C
- rated current: 46A (#8) with ambient temperature 80°C

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	-