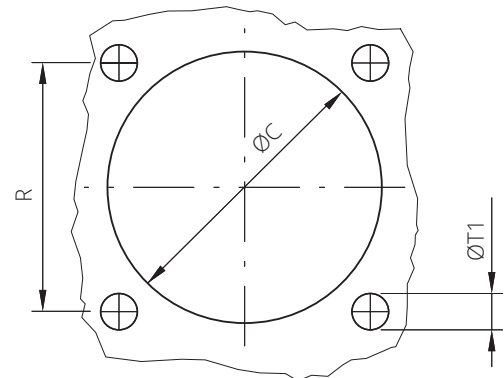
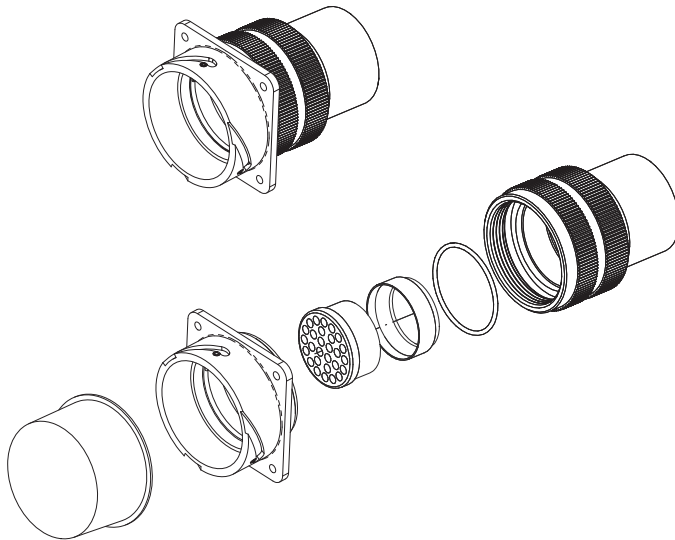
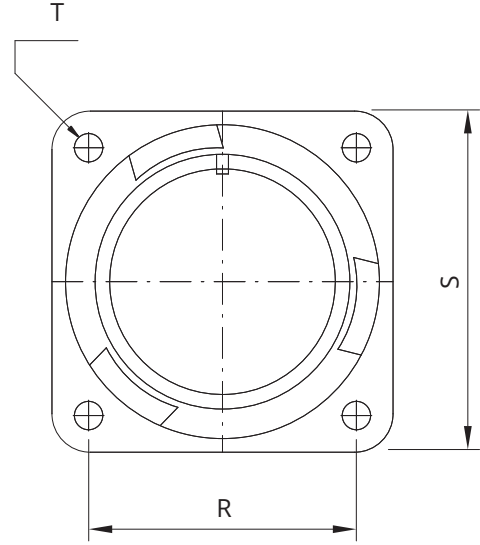
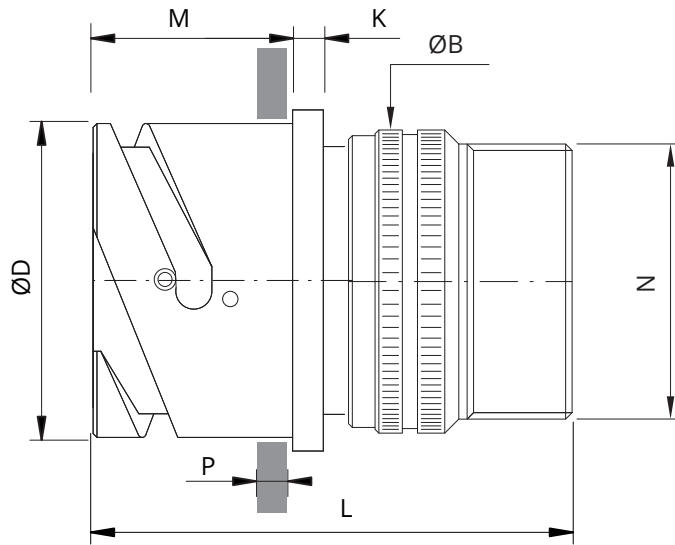




Panel cut out

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

Shell size	ØD +0 -0.15	ØB ±0.2	M ±0.2	K ±0.2	L	Z min	N Backshell Metric Thread	R ±0.1	S ±0.3	ØT	ØT1	ØC ±0.2	P Panel Thickness Max
14S	24.6	24	18.6	3.2	65	16	M25	23	30.2	M4	4.5	25.5	7.2

Dimensions in mm

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

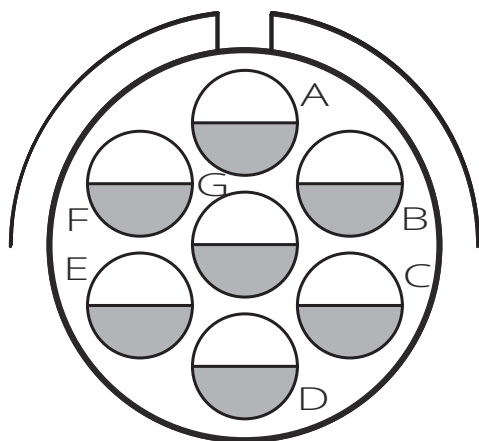
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SERIES RF CVBS

PART NUMBER RF CVBS 030RAT 14SA7P M25 CR CD5 F7 G

Inserts



Arrangement 14SA7

Gender Pin

No. of contacts 7

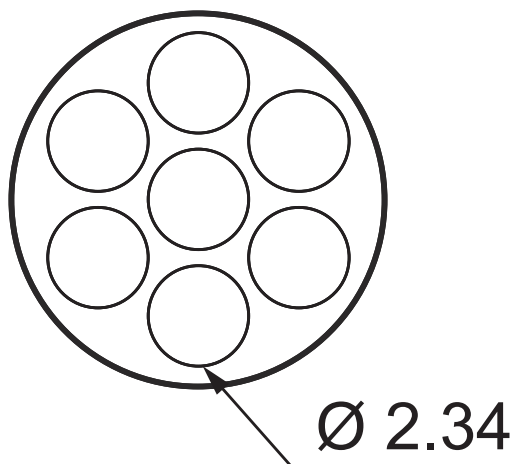
Contacts size N° 7 x #16S (22A Max)

Service Rating I (250Vdc - 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 16SP CD5	7	16S	crimp	1÷1.5	18÷16	6.3	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 030RAT 14SA7P M25 CR CD5 F7 G

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	030	Rear mounting receptacle connector with thread to accept backshells
Connector Class	RA	Backshell with waterproof o-ring, grommet and cone. Internal Metric thread M25
Accessories	T	Plastic protection cap
Accessories	–	-
Accessories	–	-
Insert	14SA7	Arrangement 14SA7
Gender Contacts	P	Pin
Polarization	–	N (0°)
Backshell Details	M25	Internal Metric thread M25
Contacts Termination	CR	Crimp
Contact Plating	CD5	Nickel + gold 0.4 µ min
Shell Finish	F7	Black epoxy-polyurethane varnish (non conductive), RoHS compliant
Panel Gasket	G	Panel gasket
Contact modification code	–	-
Customization	–	-

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SERIES RF CVBS

PART NUMBER RF CVBS 030RAT 14SA7P M25 CR CD5 F7 G

Shell type:

Bayonet connector with protected mating ramps

Rear mounting receptacle connector with thread to accept backshells

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: 14SA7; Pin; the insert is supplied with rotation: N (0°)

Contact: n.7 size 16S; Crimp

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, ASTME662, BSS7239)

Connector supplied with:

- Backshell with waterproof o-ring, grommet and cone. Internal Metric thread M25
- Plastic protection cap
- Panel gasket

Electrical specifications:

Nominal Voltage: 250 Vdc / 200 Vac (service I)

Test Voltage: 1000 Vac

Current Rating, single contact:

- maximum current: 22A (#16S) with ambient temperature 20°C
- rated current: 13A (#16S) 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)	-	C216-14	Panel gasket	1
Contacts	Copper alloy	Nickel + gold 0.4 µ min	-	-	-
Panel Gasket	Chloroprene rubber *	-	-	-	-
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	-