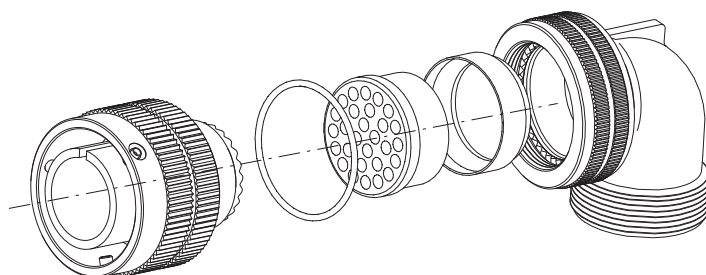
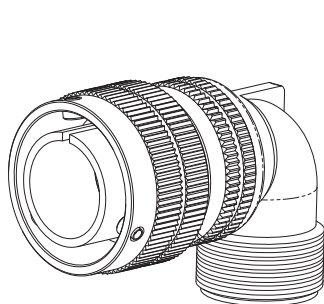
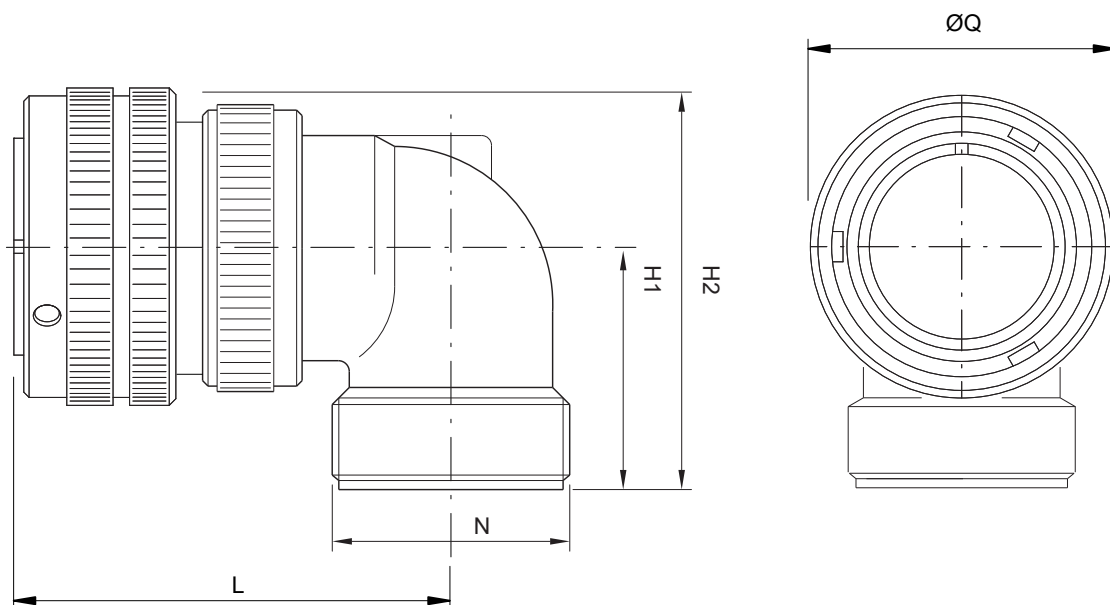


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Shell size	ØQ ±0.2	L max	H1 max	H2 max	N Backshell Thread in inches
10SL	23.3	45.5	27	38.7	5/8"-24 UNEF
14S	29.5	45.5	27	41.3	3/4"-20 UNEF
16S	33	47	29	44.9	7/8"-20 UNEF
16	33	56.5	29	44.9	7/8"-20 UNEF
18	37	57.5	31	48.1	1"-20 UNEF
20	41	60	33	51.7	1" 3/16-18 UNEF
22	43	62.5	35	55.3	1" 3/16-18 UNEF
24	48	65.5	38	59.8	1" 7/16-18 UNEF
28	53	65.5	40	65	1" 7/16-18 UNEF
32	60	70	46	74.1	1" 3/4-18 UNS
36	66.2	73.5	49	80.3	2"-18 UNS
40	72.4	78.5	53	87.6	2"1/4-16 UN

Dimensions in mm

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

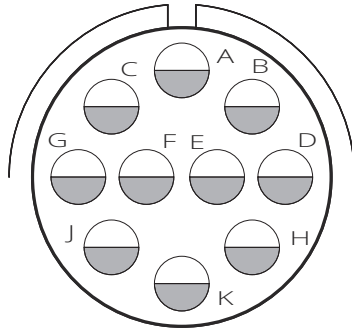
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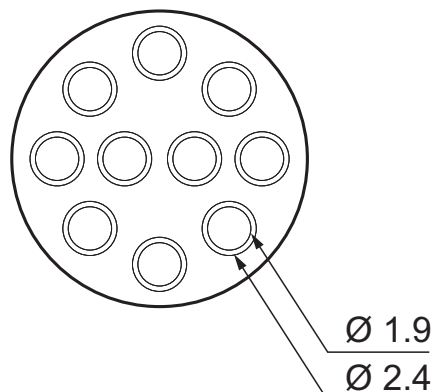
Inserts



Arrangement	18-19
Gender	Socket
No. of contacts	10
Contacts size	N° 10 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
ST485 16S CD5	10	16	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 08RA 18-19S CR CD5 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	08	Plug connector, with 90° elbow and coupling nut
Connector Class	RA	Standard backshell having an external thread suitable for MS3057...A or C type cacle clamps, with waterproof O-ring, grommet and cone
Accessories	–	–
Accessories	–	–
Accessories	–	–
Insert	18-19	Arrangement 18-19
Gender Contacts	S	Socket
Polarization	–	N (0°)
Backshell Details:	–	–
Contacts termination	CR	Crimp
Contacts plating	CD5	Nickel + gold 0.4 µ min
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 08RA 18-19S CR CD5 F7

Shell type:

Bayonet connector with protected mating ramps
Plug connector, with 90° elbow and coupling nut

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: 18-19; Socket; the insert is supplied with rotation: N (0°)
Contact: n.10 size 16; Crimp

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:

- Standard backshell having an external thread suitable for MS3057...A or C type cable clamps, with waterproof O-ring, grommet and cone

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

COMPONENTS	MATERIALS	PLATING / FINISHES	ACCESSORIES (included)		
			P/N	Description	Quantity
Shells	Aluminum alloy	Black epoxy-polyurethane varnish (non conductive), RoHS compliant			
Insulating	Fire behaviour (fire and smoke)	-	-	-	-
Contacts	Copper alloy	Nickel + gold 0.4 µ min	-	-	-
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	-



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