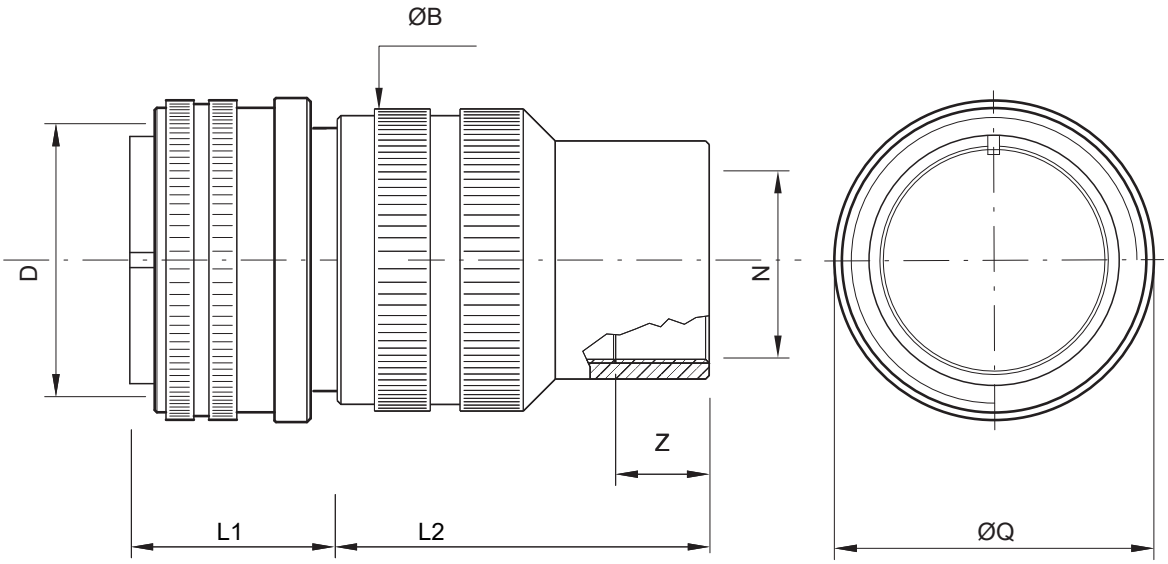
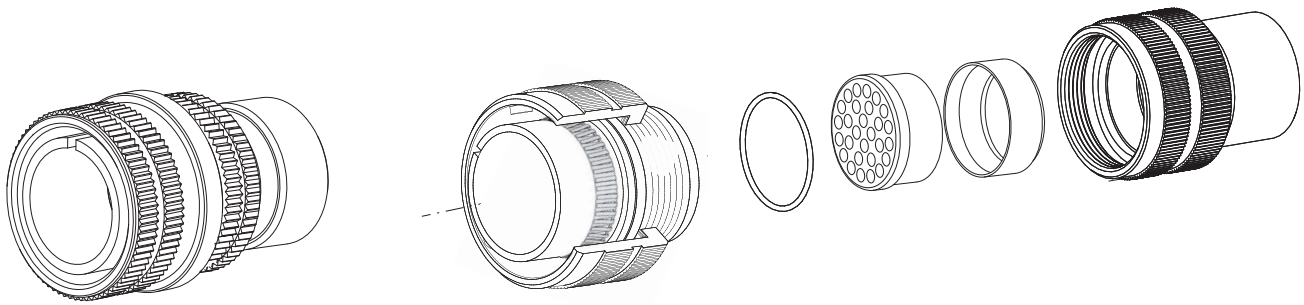




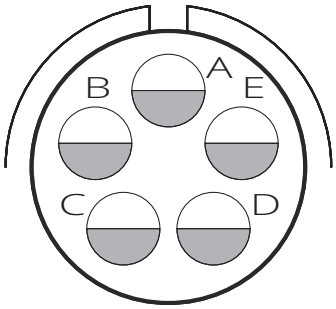
Shell size	D Connectors Thread in inches	ØQ ±0.2	ØB ±0.2	Z min	L1	N Backshell Metric thread	L2 M
14S	**7/8"-20 UNEF**	**28.5**	**24**	**13.8**	**19.6**	**M20**	**33.2**

Dimensions in mm

Dimensions "L1 and L2" can be different from the value indicated according to backshells accessories, wires size and some special insert configurations.

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Inserts



Arrangement	14S-5
Gender	Socket
No. of contacts	5
Contacts size	N° 5 x #16S (22A Max)
Service Rating	I (250Vdc - 200Vac)
Rotation	N (0°)

Contacts P/N	Qty	Size	Termination	mm² section	AWG section	Stripping length mm	Manual crimp tool	Crimp Die / Locator	Insertion tool	Removal tool	Guide pin
ST485 16SS CD5	5	16S	crimp	1÷1.5	18÷16	6.3	CRT-784/1	LOC-784	CTIN-784-16	CTES-784-16	GP-784-16

Grommet *

Wire Outside Diameter

Size	mm
#16S	2.6

** Consult our sales office for wire specification*

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Code details

Insert material	RF	Fire behaviour (fire and smoke) complying with EN 45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)
Series	CVS	Thread connectors
Shell material	_	Aluminum alloy
Shell Type	96	Plug connector, provided with grounding finger to guarantee shielding - with straight backshell and coupling nut
Connector Class	RA	Backshell with waterproof o-ring, grommet and cone. Internal Metric thread M20
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	14S-5	Arrangement 14S-5
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details	M20	Internal Metric thread M20
Contacts Termination	CR	Crimp
Contact Plating	CD5	Nickel + gold 0.4 µ min
Shell Finish	F16	CCF black, conductive - RoHS compliant
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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Shell type:
Thread connectors
Plug connector, provided with grounding finger to guarantee shielding - with straight backshell and coupling nut

Reference Documents:
- SAE AS 50151 (ex MIL-C-5015 where applicable)
- EN 60529
- EN45545-2, NFPA130 (ASTME162, ASTME662, BSS7239)
- European Directive 2011/65/UE (RoHS)

General features:
Arrangement: 14S-5; Socket; the insert is supplied with rotation: N (0°)
Contact: n.5 size 16S; Crimp

Operating Temperature: -55 ÷ +150°C
IP Protection degree according EN60529: IP67
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 M20

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
Shells	Aluminum alloy	CCF black, conductive - RoHS compliant
Insulating	Fire behaviour * (fire and smoke)	-
Contacts	Copper alloy	Nickel + gold 0.4 µ min
Panel Gasket	-	-
Others part	-	-

ACCESSORIES (included)		
P/N	**Description**	**Quantity**
-	-	-
-	-	-
-	-	-

** 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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