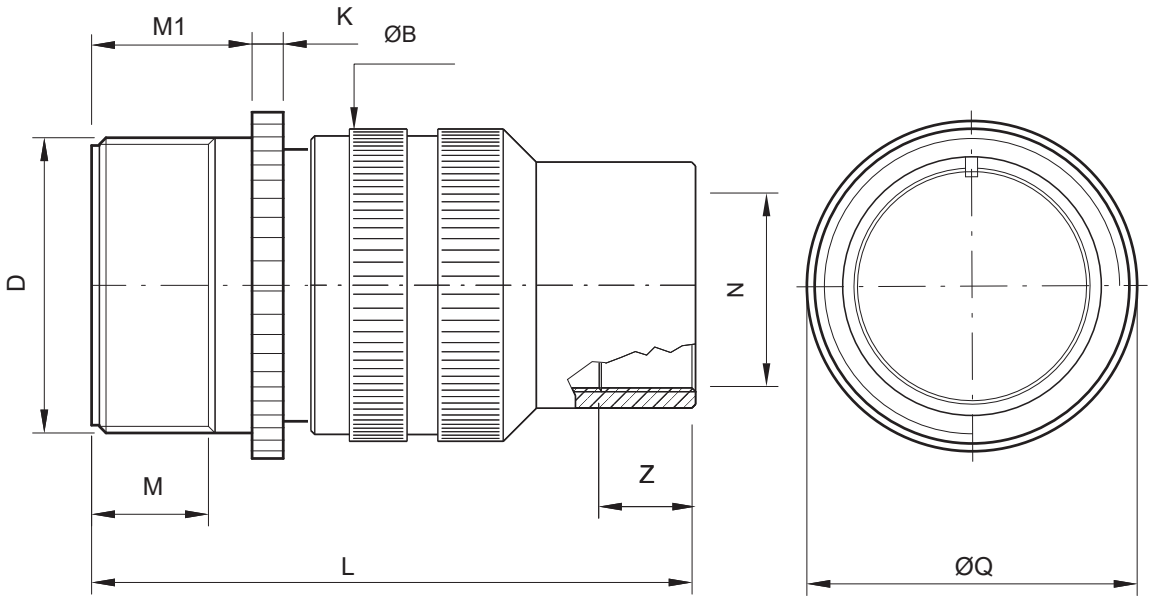




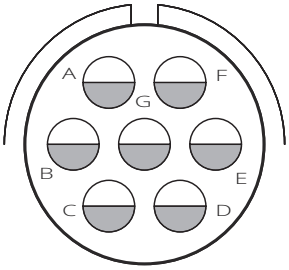
Shell size	D Connectors Thread in inches	ØQ Max	ØB ±0.2	M ±0.2	M1 ±0.2	K ±0.2	L	Z min	N Backshell Metric Thread
16S	1"-20 UNEF	31	27	11.4	14.2	3.2	57	10	M20

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	16S-1
Gender	Socket
No. of contacts	7
Contacts size	N° 7 x #16S (22A Max)
Service Rating	A (700Vdc - 500Vac)
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	7	16S	crimp	1÷1.5	18÷16	6.3	CRT-784/1	LOC-784	CTIN-784-16	CTES-784-16	GP-784-16

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Code details

Insert material	S	Silicone compound
Series	CVS	Thread connectors
Shell material	_	Aluminum alloy
Shell Type	01	In-line receptacle able to accept rear accessories
Connector Class	DA	Backshell with waterproof o-ring. Internal Metric thread M20
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	16S-1	Arrangement 16S-1
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	F5	Electroless nickel
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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Shell type:
Thread connectors
In-line receptacle able to accept rear accessories

Reference Documents:
- Mil-DTL-5015 (where applicable)
- VG 95234 (where applicable)
- EN 60529
- European Directive 2011/65/UE (RoHS)

General features:
Arrangement: 16S-1; Socket; the insert is supplied with rotation: N (0°)
Contact: n.7 size 16S; Crimp

Operating Temperature: -55 ÷ +200°C
IP Protection degree according EN60529 (mated connectors with adequate accessories): IP67
Insulating rubber parts: Silicone compound

Connector supplied with:
- Backshell with waterproof o-ring. Internal Metric thread M20

Electrical specifications:
Nominal Voltage: 700 Vdc / 500 Vac (service A)
Test Voltage: 2000 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	Electroless nickel
Insulating	Silicone compound *	-
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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