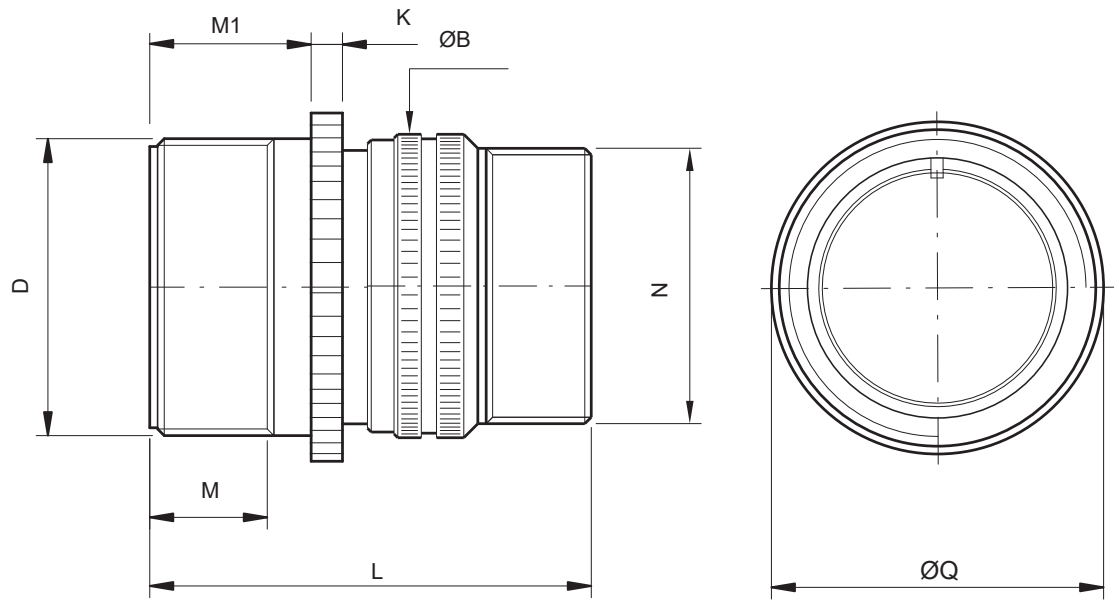
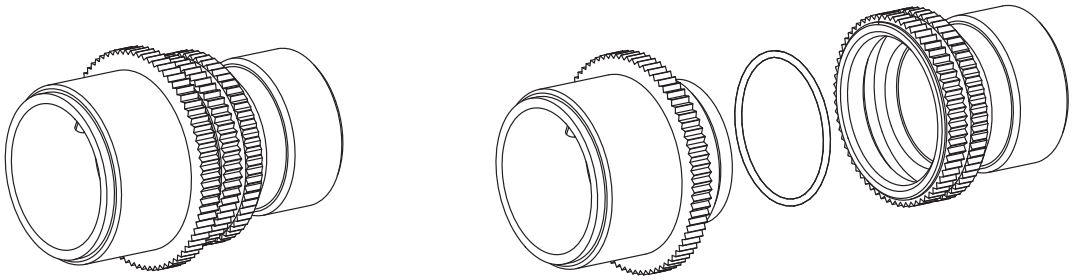




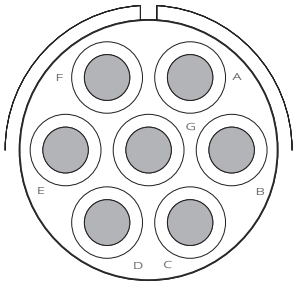
Shell size	D Connectors Thread in inches	ØQ Max	ØB ±0.2	L	K ±0.2	M ±0.2	M1 ±0.2	N Backshell Thread in inches
10SL	5/8"-24 UNEF	22	20	41	2.8	9.9	14.2	5/8"-24 UNEF
14S	7/8"-20 UNEF	29	24	42.5	3.2	11.4	14.5	3/4"-20 UNEF
16S	1"-20 UNEF	31	27	42.5	3.2	11.4	14.2	7/8"-20 UNEF
16	1"-20 UNEF	31	27	50	3.2	15.9	19	7/8"-20 UNEF
18	1"1/8-18 UNEF	34	30	52	4	15.9	19	1"-20 UNEF
20	1"1/4-18 UNEF	37	32	51	4	15.9	19	1" 3/16-18 UNEF
22	1"3/8-18 UNEF	40	37	54	4	15.9	19.7	1" 3/16-18 UNEF
24	**1"1/2-18 UNEF**	**44**	**40**	**54**	**4**	**15.9**	**20.6**	**1" 7/16-18 UNEF**
28	1"3/4-18 UNS	49.5	45	62	4	15.9	20.6	1" 7/16-18 UNEF
32	2"-18 UNS	56	52	63	4	15.9	22.2	1" 3/4-18 UNS
36	2"1/4-16 UN	62.5	58	63	4	15.9	22.2	2"-18 UNS
40	2"1/2-16 UN	68.5	63.2	63	4	15.9	22.2	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	24-10
Gender	Pin
No. of contacts	7
Contacts size	N° 7 x #8 (73A 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 8P CD5	7	8	crimp	-	8	12	CRT-HT45	CDI-ME2	CTIN-784-8	CTES-784-8	-

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Code details

Insert material	_	Chloroprene rubber
Series	CVS	Thread connectors
Shell material	_	Aluminum alloy
Shell Type	01	In-line receptacle able to accept rear accessories
Connector Class	DA	Standard backshell having an external thread suitable for MS3057...A or C type cable-clamps, with waterproof O-ring
Accessories	_	-
Accessories	_	-
Accessories	_	-
Insert	24-10	Arrangement 24-10
Gender Contacts	P	Pin
Polarization	_	N (0°)
Backshell Details	_	-
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
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: 24-10; Pin; the insert is supplied with rotation: N (0°)
Contact: n.7 size 8; Crimp

Operating Temperature: -55 ÷ +125°C
IP Protection degree according EN60529: IP67
Insulating rubber parts: Chloroprene rubber

Connector supplied with:
- Standard backshell having an external thread suitable for MS3057...A or C type cable-clamps, with waterproof O-ring

Electrical specifications:
Nominal Voltage: 700 Vdc / 500 Vac (service A)
Test Voltage: 2000 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
Shells	Aluminum alloy	CCF black, conductive - RoHS compliant
Insulating	Chloroprene rubber	-
Contacts	Copper alloy	Nickel + gold 0.4 µ min
Panel Gasket	-	-
Others part	-	-

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

PACKAGING		
Quantity	Type	Weight
1	Plastic Bags	-
-	Carton Box	-

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