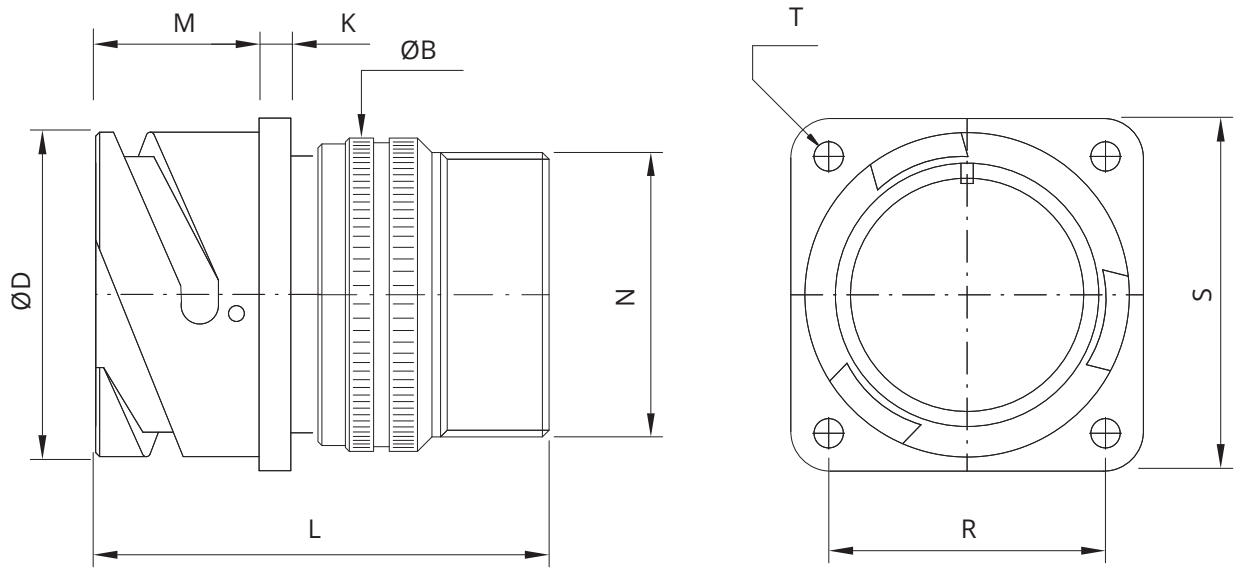
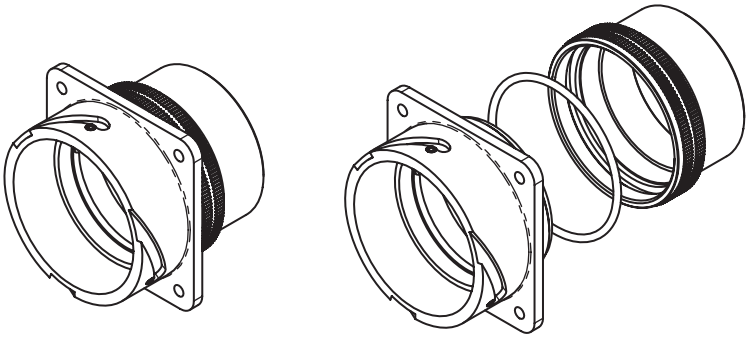
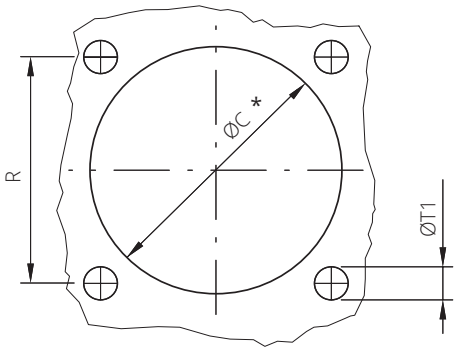






Panel cut out

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

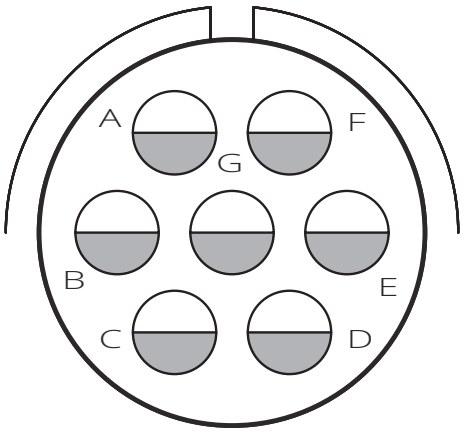
Shell size	ØD +0 -0.15	ØB ±0.2	L	M ±0.2	K ±0.2	N Backshell Thread in inches	R ±0.1	S ±0.3	ØT ±0.2	ØT1 Through holes	ØC* ±0.2
10SL	18.2	20	41	14.2	2.8	5/8"-24 UNEF	18.2	25.4	3.1	3.4	17
14S	24.6	24	42.5	14.5	3.2	3/4"-20 UNEF	23	30.2	3.1	3.4	20
16S	**27.4**	**27**	**42.5**	**14.2**	**3.2**	**7/8"-20 UNEF**	**24.6**	**32.5**	**3.1**	**3.4**	**23**
16	27.4	27	50	19	3.2	7/8"-20 UNEF	24.6	32.5	3.1	3.4	23
18	30.8	30	52	19	4	1"-20 UNEF	27	34.9	3.1	3.4	26.5
20	34.2	32	51	19	4	1" 3/16-18 UNEF	29.4	38.1	3.1	3.4	30
22	37.4	37	54	19.7	4	1" 3/16-18 UNEF	31.8	41	3.1	3.4	33
24	40.9	40	54	20.6	4	1" 7/16-18 UNEF	34.9	44.5	3.7	3.9	36
28	46.7	45	62	20.6	4	1" 7/16-18 UNEF	39.7	50.8	3.7	3.9	42
32	53.4	52	63	22.2	4	1" 3/4-18 UNS	44.5	57	4.4	4.5	48.5
36	59.6	58	63	22.2	4	2"-18 UNS	49.2	63.5	4.4	4.5	55
40	65.5	63.2	63	22.2	4	2"1/4-16 UN	55.6	69.8	4.4	4.5	61

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
ST385 16SS	7	16S	solder	-	18÷16	5,5	-	-	-	-	-

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Code details

Insert material	_	Chloroprene rubber
Series	CVB	Bayonet connector
Shell material	_	Aluminum alloy
Shell Type	00	Front mounting receptacle connector able to accept rear accessories (ordered with 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	16S-1	Arrangement 16S-1
Gender Contacts	S	Socket
Polarization	_	N (0°)
Backshell Details	_	-
Contacts Termination	_	Solder
Contact Plating	_	Silver 3.5µ min
Shell Finish	F5	Electroless nickel
Panel Gasket	_	-
Contact modification code	_	-
Customization	_	-

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Shell type:
Bayonet connector
Front mounting receptacle connector able to accept rear accessories (ordered with 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; Solder

Operating Temperature: -55 ÷ +125°C
Protection (mated connectors with adequate accessories): 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: 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	Chloroprene rubber	-
Contacts	Copper alloy	Silver 3.5µ min
Panel Gasket	-	-
Others part	-	-

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

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

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