



LAPP LIMITED

LAPP LIMITED
46-50 Standard Road
LONDON
NW10 6EF
Tel: (020) 8963 7000
Fax: (020) 8965 2780

Formerly Oskar Lapp Ltd and Contact Connectors Ltd

Email: sales@lappcable.com
Website: www.lappcable.com

Registered in England No. 1497180.
Registered Office: 146 New Cavendish Street,
London W1M 7FG



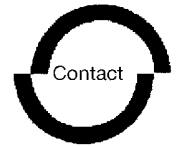
EPIC[®] MIL-C
MIL-C-26482
CPT SERIES
MINATURE BAYONET FIT

Registered in England
No. 1497180. Registered Office:
146 New Cavendish Street,
London W1M 7FG

A Lapp Group Company
Lapp Insulator is not affiliated with
Lapp Limited or the Lapp Group

Contents

Page	2	General description
	2-3	Technical characteristics
	4	Contact dimensions
	5-8	Contact arrangements
	9-10	Application classes & styles
	11-53	Connector shell styles
	54-66	Accessories
	67	How to order
	68	Notes



General description

CPT series , miniature bayonet lock connectors , are designed to conform to the materials and performance requirements of MIL-C-26482 series 1 specification.

Interchangeability and reliability with other connectors conforming to this specification is assured.

CPT connectors are also available with modification options such as crimp or P. C.B. contacts , various contact or shell plating finishes and others that are available on request.

A full range of accessories is also available.

Technical characteristics

Shells

Aluminium alloy according to QQ-A-591 .
Stainless steel coupling pins .

Platings

- Olive Drab cadmium plating according to QQ-P-416
- Cationic electro deposition anti corrosion plating
- Bright nickel
- Zn-Co
- Cadmium free plating (black DEC)

Contacts

Copper alloy with gold plating over nickel .

Inserts

High insulation synthetic rubber , oil and low temperatures resistant (-55°C +125°C) , in accordance with MIL - R - 3065 .



Technical characteristics

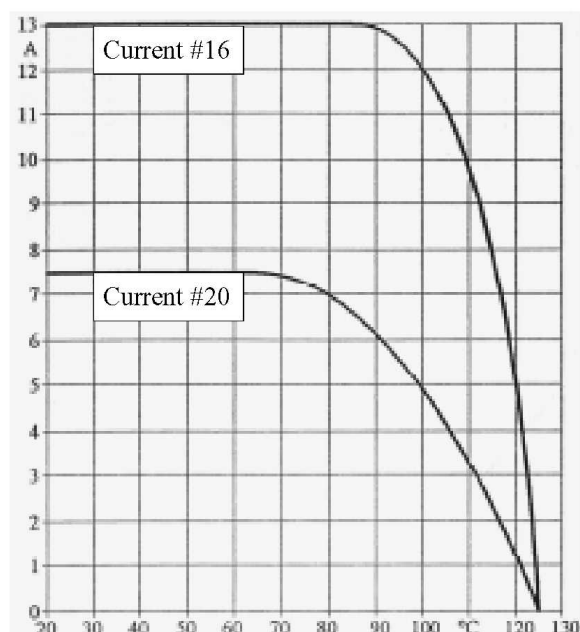
Service rating (Min insulation resistance : $\geq 5 \times 10^3 \text{ M}\Omega$)

Class	Operating voltage AC	Operating voltage DC	Test voltage AC
I	600	700	1500
II	1000	1250	2300

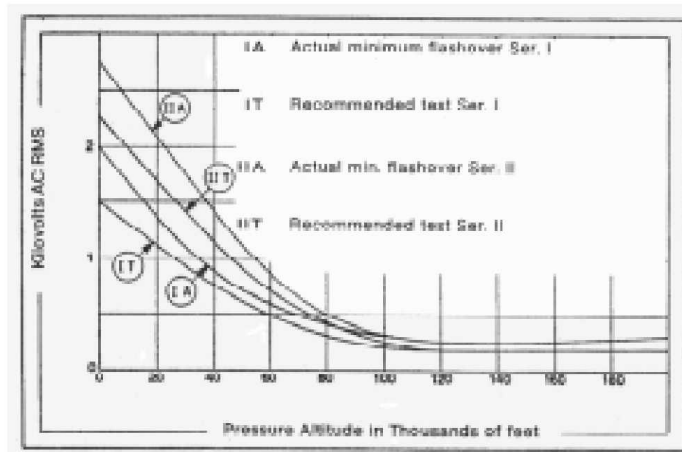
Potential drop

Contact size	Test current	Potential drop
20	7.5 A	25 mV
16	13.0 A	21 mV

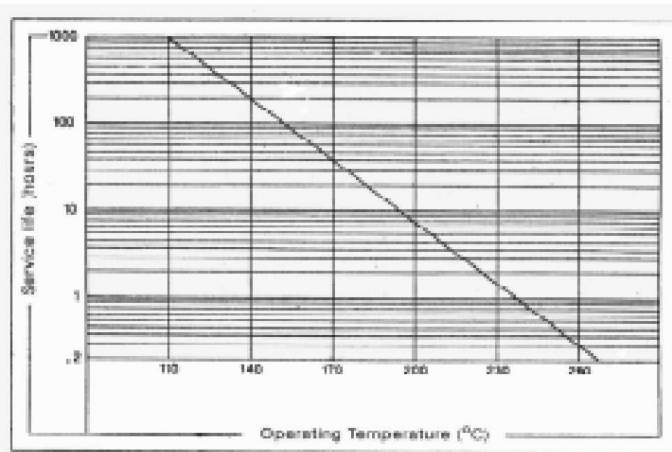
Rated current versus temperature



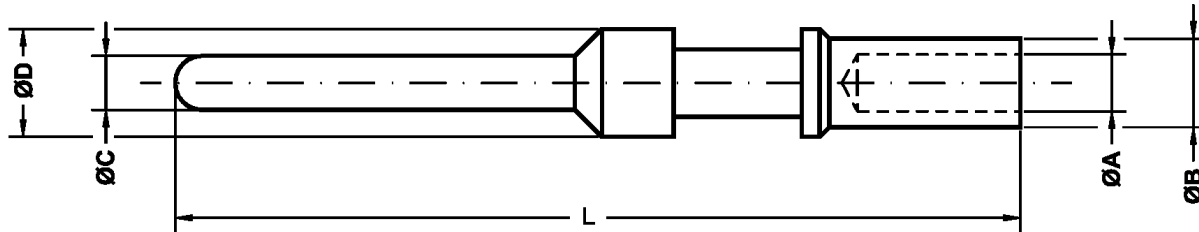
Flash over versus altitude



Time versus temperature

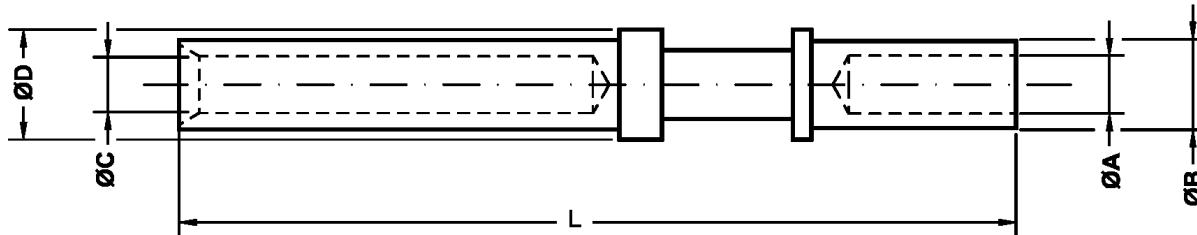


CPT-C male crimp contacts



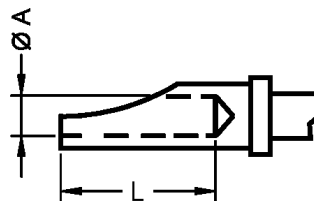
P/N	Size	mmq	AWG	A +0.03 -0	B +0.02 -0.02	C ±0.02	D +0 -0.03	L ±0.1
10-374-20	20S	0.6	20	1.30	1.93	1.00	2.0	20.37
10-375-20	20	0.6	20	1.30	1.93	1.00	2.0	24.33
10-374-16	16S	1.2	16	1.72	2.60	1.57	3.2	22.30
10-375-16	16	1.2	16	1.72	2.60	1.57	3.2	25.80

CPT-C female crimp contacts



P/N	Size	mmq	AWG	A +0.03 -0	B +0.02 -0.02	C ±0.02	D +0 -0.03	L ±0.1
10-571-20	20S	0.6	20	1.30	1.93	1.08	1.96	20.40
10-573-20	20	0.6	20	1.30	1.93	1.08	1.96	24.40
10-571-16	16S	1.2	16	1.72	2.60	1.65	2.80	22.25
10-573-16	16	1.2	16	1.72	2.60	1.65	2.80	25.80

Solder contact dimensions



Contact size	Ø A	L	AWG Max.	Max. wire section
20	1.16	3.17	20	0.6 mmq
16	1.98	4.77	16	1.2 mmq
16 - 2.5	3.00	6.10	-	2.5 mmq



Contact arrangements

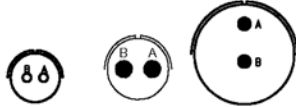
Arrangement	Rating	contact size	
		20	16
8 - 2	I	2	
8 - 3	I	3	
8 - 3A	I	3	
8 - 4	I	4	
8 - 33	I	3	
10 - 2	II		2
10 - 6	I	6	
10 - 7	I	7	
10 - 8	I	8	
10 - 98	I	6	
12 - 3	II		3
12 - 4	I		4
12 - 8	I	8	
12 - 10	I	10	
12 - 14	I	14	
14 - 5	II		5
14 - 12	I	8	4
14 - 12/3	II		12
14 - 14	I	14	
14 - 15	I	14	1
14 - 18	I	18	
14 - 19	I	19	
16 - 2	I		2
16 - 8	II		8
16 - 23	I	22	1
16 - 26	I	26	
16 - 99	I	21	2
18 - 11	II		11
18 - 30	I	29	1
18 - 32	I	32	
20 - 16	II		16
20 - 24	I	24	
20 - 25	I	25	
20 - 27	I	27	
20 - 39	I	37	2
20 - 41	I	41	
22 - 21	II		21
22 - 32	I	32	
22 - 34	I	34	
22 - 36	I	36	
22 - 41	I	27	14
22 - 55	I	55	
24 - 61	I	61	

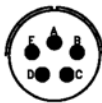
Alternate insert orientations

Arrangement	Degrees			
	W	X	Y	Z
8 - 2	58	122		
8 - 3	60	210		
8 - 3A	60			
8 - 4	45			
8 - 33	90			
10 - 2				
10 - 6	90			
10 - 7	90			
10 - 8				
10 - 98	90	180	240	270
12 - 3			180	
12 - 4	38			
12 - 8	90	112	203	292
12 - 10	60	155	270	295
12 - 14	60	155	270	295
14 - 5	40	92	184	273
14 - 12	43	90		
14 - 12/3				
14 - 14	17	110	155	234
14 - 15	17	110	155	234
14 - 18	15	90	180	270
14 - 19	30	165	315	
16 - 2				
16 - 8	54	152	180	331
16 - 23	158	270		
16 - 26	60		275	338
16 - 99	66	156	223	340
18 - 11	62	119	241	340
18 - 30	180	193	285	350
18 - 32	85	138	222	265
20 - 16	238	318	333	347
20 - 24	70	145	215	290
20 - 25	72	144	216	288
20 - 27	72	144	216	288
20 - 39	63	144	252	333
20 - 41	45	126	225	
22 - 21	16	135	175	349
22 - 32	72	145	215	288
22 - 34	62	142	218	298
22 - 36	72	144	216	288
22 - 41	39	135	264	
22 - 55	30	142	226	314
24 - 61	90	180	270	324

Contact arrangement

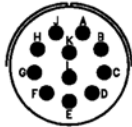
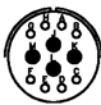
Front view of male insert

2 CONTACTS				3 CONTACTS						
	ARRANGEMENT	8-2	10-2		16-2	20	8-3	8-3A	8-33	12-3
	CONTACT SIZE	20	16		16		20	2016		
SERVICE RATING	I	II	I		I	I	I	II		

4 CONTACTS			5 CONTACTS		
	8-4	12-4		14-5	
	20	16		16	
SERVICE RATING	I	I		II	

6 CONTACTS			7 CONTACTS		
	10-6	10-98*		10-7	
	20	20		20	
SERVICE RATING	I	I		I	

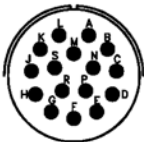
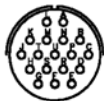
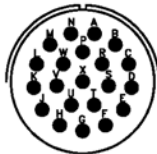
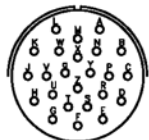
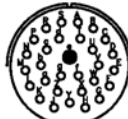
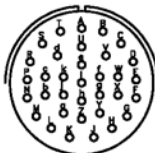
8 CONTACTS				10 CONTACTS		
	10-8	12-8	16-8		12-10	
	20	20	16		20	
SERVICE RATING	I	I	II		I	

11 CONTACTS			12 CONTACTS				
	18-11				14-12	14-12/3	
	16				8-20, 4-16	16	
SERVICE RATING	II			I	II		

14 CONTACTS					15 CONTACTS		
	12-14	14-14*	14-15				
	20	20	14-20, 1-16				
SERVICE RATING	I	I			I		

20	16

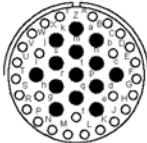
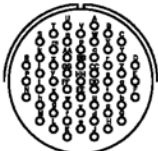
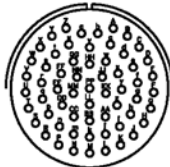
Contact arrangements

16 CONTACTS			18 CONTACTS			
	ARRANGEMENT CONTACT SIZE SERVICE RATING			20-16* 16 II		14-18* 20 I
19 CONTACTS			21 CONTACTS			
	ARRANGEMENT CONTACT SIZE SERVICE RATING			14-19 20 I		22-21* 16 II
23 CONTACTS			24 CONTACTS			
	ARRANGEMENT CONTACT SIZE SERVICE RATING			16-23 22-20,1-16 I		20-24* 20 I
25 CONTACTS			26 CONTACTS			
	ARRANGEMENT CONTACT SIZE SERVICE RATING			20-25* 20 I		16-26 20 I
27 CONTACTS			30 CONTACTS			
	ARRANGEMENT CONTACT SIZE SERVICE RATING			20-27* 20 I		18-30* 29-20,1-16 I
32 CONTACTS			34 CONTACTS			
	ARRANGEMENT CONTACT SIZE SERVICE RATING			18-32 20 I		22-34* 20 I

CONTACT LEGEND

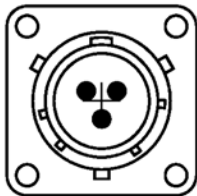


Contact arrangements

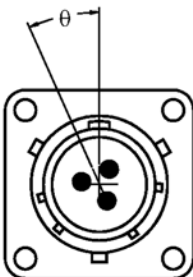
36 CONTACTS ARRANGEMENT CONTACT SIZE SERVICE RATING	 22-36* 20 I	39 CONTACTS 20-39* 37-20,2-16 I	
41 CONTACTS ARRANGEMENT CONTACT SIZE SERVICE RATING	 20-41* 20 I	 22-41 27-20,14-16 I	
55 CONTACTS ARRANGEMENT CONTACT SIZE SERVICE RATING	 22-55 20 I	61 CONTACTS 24-61* 20 I	

Insert rotation

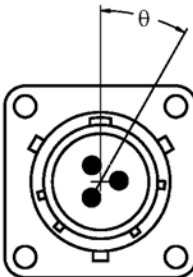
Normal position
with pin contacts



Alternate position
with socket contacts



Alternate position
with pin contacts



CONTACT LEGEND



20



16



Connector classes

A : For general applications .
MS 3057 cable clamps must be ordered separately. No grommet supplied.

A...PG : Plug with straight backshell PG threaded in compliance with DIN 40430 .

A...PG : Plug with straight backshell and PG cable clamp in compliance with DIN 40430 .

A...PHM : Quick and easy assembly , water resistant to IP67 . Supplied with different diameter sleeves to suit varying cable sizes.

A...PHM EMI : Quick and easy assembly , water resistant to IP67 , suitable for shielded cables . Supplied with different diameter sleeves to suit varying cable sizes.

A...SR : Same as class A , but with reduced cable clamp and rubber sleeve for cable protection.

E : Suitable for use with single cables.
Environmental sealing provided through insert seal and grommet seal.
No cable clamp supplied.

E...SR : Same as class E , but with reduced cable clamp and rubber sleeve for cable protection.

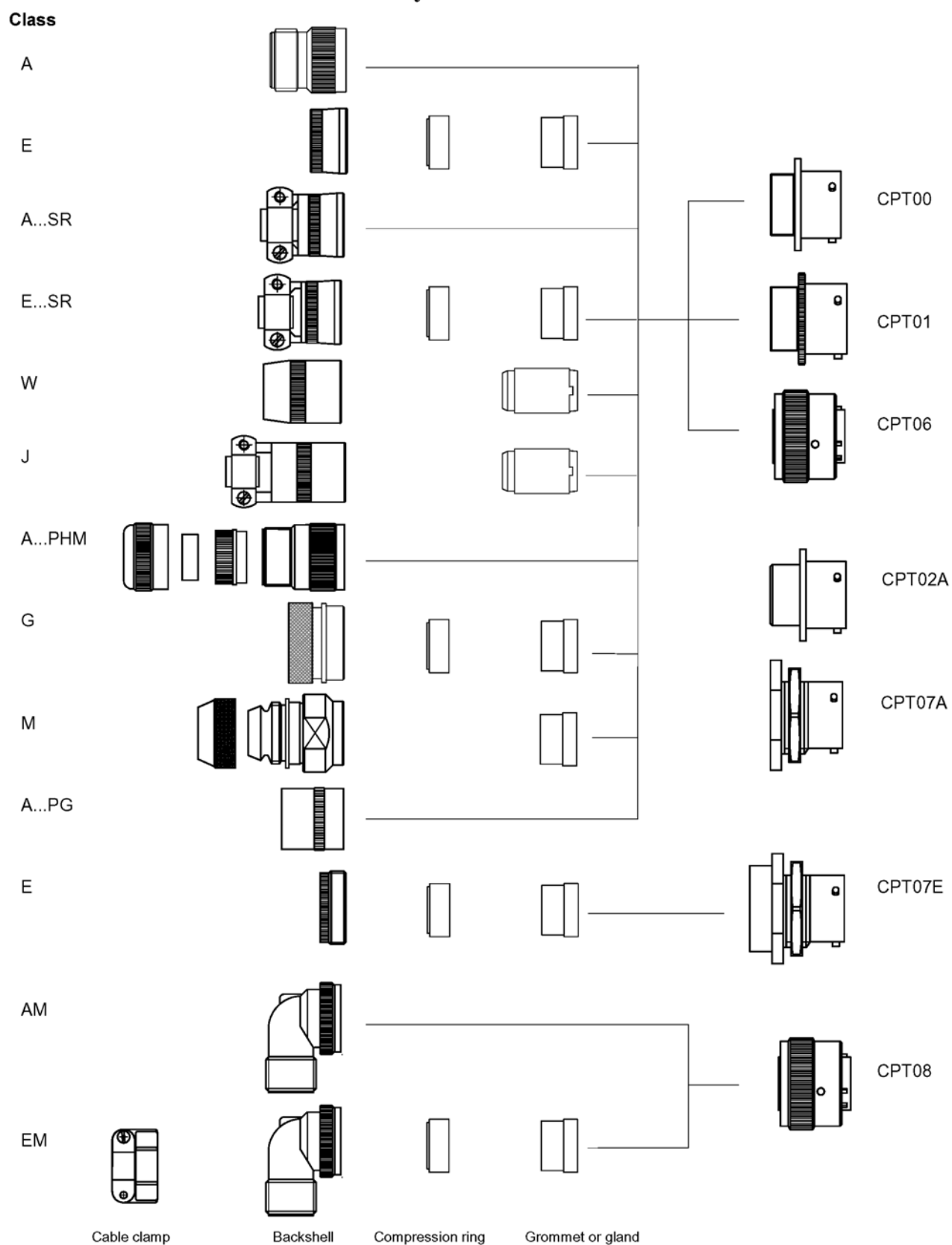
G : Plug with straight backshell for heatshrink sleeving .

J : Same as class W , but with cable clamp for improved strain relief.

M : Plug with removable backshell for screened termination and heatshrink sleeving .

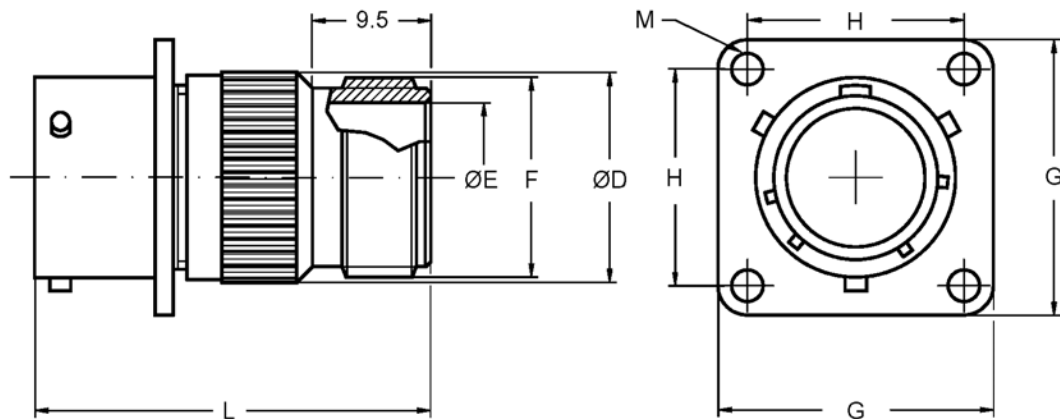
W : Long backshell to ease assembly.
Incorporates metal sleeve and gland seal to provide excellent cable sealing and improved environmental protection.
No cable clamp provided .

Styles and classes



Wall mounting receptacle

CPT00A

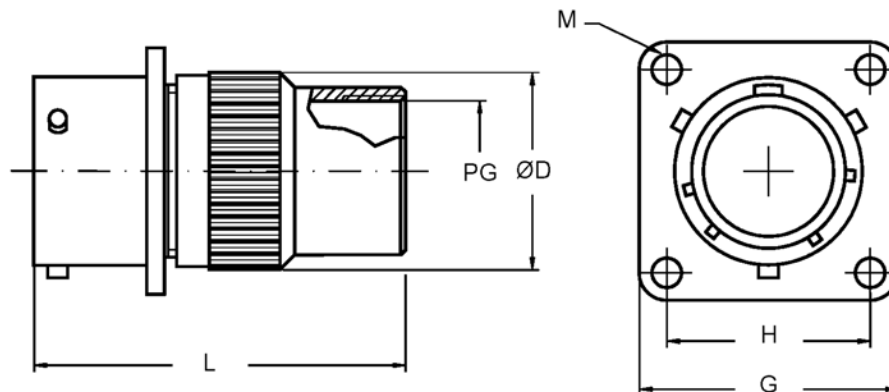


Shell size	D Max.	E min.	F thread in inches	G ±0.4	H ±0.1	L Max.	M ±0.12
8	15.00	7.55	.5000 - 28 UNEF	20.6	15.10	40.9	3.04
10	18.20	10.70	.6250 - 24 UNEF	23.8	18.25	40.9	3.04
12	21.20	13.85	.7500 - 20 UNEF	26.2	20.60	40.9	3.04
14	24.60	16.85	.8750 - 20 UNEF	28.6	23.00	40.9	3.04
16	27.60	20.00	1.0000 - 20 UNEF	31.0	24.60	40.9	3.04
18	30.90	22.30	1.1875 - 18 UNEF	33.3	27.00	40.9	3.04
20	33.80	25.75	1.1875 - 18 UNEF	36.5	29.35	45.0	3.04
22	37.10	28.80	1.4375 - 18 UNEF	39.7	31.75	45.0	3.04
24	40.25	32.00	1.4375 - 18 UNEF	42.9	39.40	45.0	3.73

Wall mounting receptacle with
general duty backshell for cable
clamp CM3057-XX A/B/C.
No grommet supplied.

Wall mounting receptacle

CPT00A...PG__

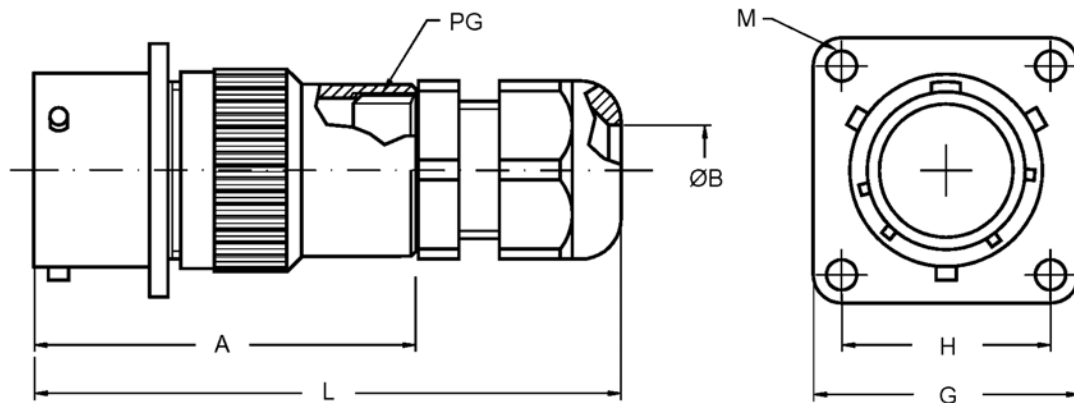


Shell size	D Max	L Max	PG thread	H ±0.1	G ±0.4	M ±0.12
8	18.0	40	7 / 9	15.10	20.6	3.04
10	18.0	40	9	18.25	23.8	3.04
12	23.5	40	11	20.60	26.2	3.04
14	24.5	45	11 / 13.5 / 16	23.00	28.6	3.04
16	28.0	45	11 / 13.5 / 16	24.60	31.0	3.04
18	30.5	45	13.5 / 16	27.00	33.3	3.04
20	33.5	52	13.5 / 16	29.35	36.5	3.04
22	37.0	60	13.5 / 16 / 21	31.75	39.7	3.04
24	40.0	60	13.5 / 16 / 21	39.40	42.9	3.73

Wall mounting receptacle with backshell
for use with PG glands (not included).
Other PG sizes and types available on
request.
No grommet supplied.

Wall mounting receptacle

CPT00A...PH_ _

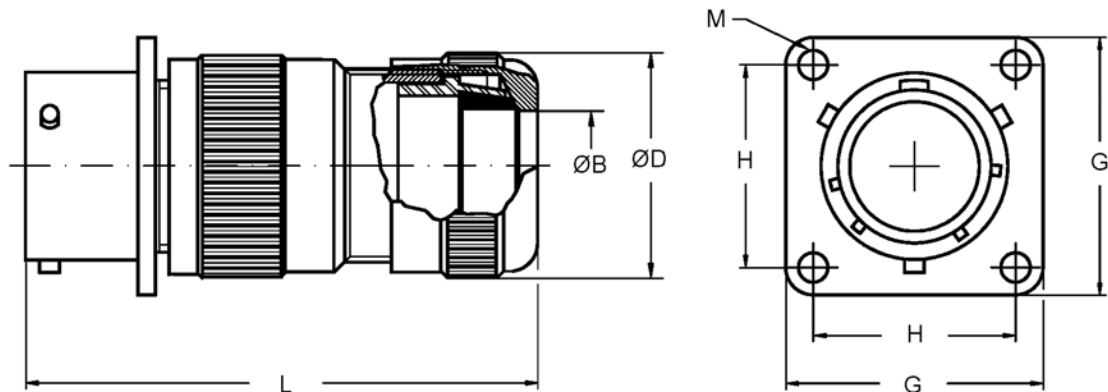


	A	B		L	H	G	M
Shell size	Max	min. ÷ max.	PG thread	Max.	±0.1	±0.4	±0.12
8	40	3÷6.5 / 4÷8	7 / 9	65	15.10	20.6	3.04
10	40	4÷8	9	65	18.25	23.8	3.04
12	40	5÷10	11	65	20.60	26.2	3.04
14	45	5÷10 / 6÷12 / 9÷14	11 / 13.5 / 16	75	23.00	28.6	3.04
16	45	5÷10 / 6÷12 / 9÷14	11 / 13.5 / 16	75	24.60	31.0	3.04
18	45	6÷12 / 9÷14	13.5 / 16	75	27.00	33.3	3.04
20	52	6÷12 / 9÷14	13.5 / 16	82	29.35	36.5	3.04
22	60	6÷12 / 9÷14 / 13÷18	13.5 / 16 / 21	95	31.75	39.7	3.04
24	60	6÷12 / 9÷14 / 13÷18	13.5 / 16 / 21	95	39.40	42.9	3.73

Wall mounting receptacle with backshell
and plastic PG cable gland . Other PG
sizes and types available upon request.
No grommet supplied.

Wall mounting receptacle

CPT00A...PHM__

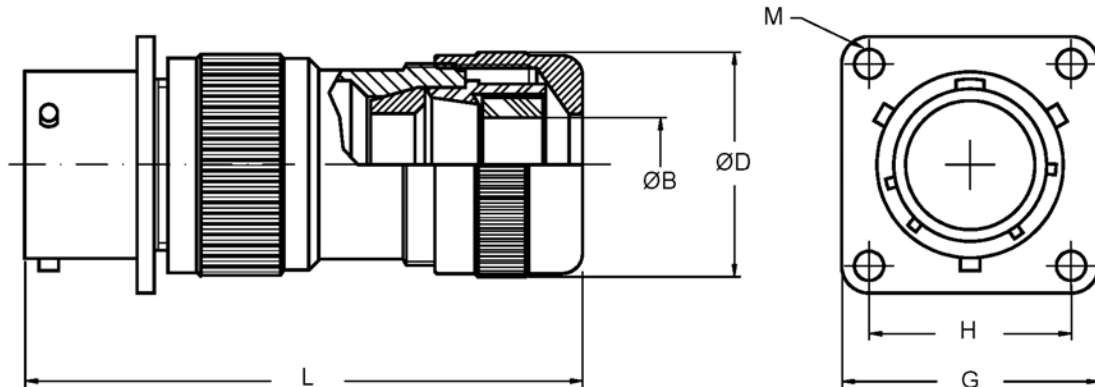


Shell size	P.N. PHM	B min. ÷ max.	D Max.	G ±0.4	H ±0.1	L Max.	M ±0.12
8	11	2÷11	15.0	20.6	15.10	47.0	3.04
10	11	2÷11	21.0	23.8	18.25	49.0	3.04
12	11	2÷11	24.0	26.2	20.60	58.0	3.04
14	11	2÷11	24.0	28.6	23.00	58.0	3.04
16	11	2÷11	24.0	31.0	24.60	58.0	3.04
18	11 / 18	2÷11 / 9÷16.5	42.0	33.3	27.00	75.0	3.04
20	18	9÷16.5	42.0	36.5	29.35	75.0	3.04
22	18	9÷16.5	42.0	39.7	31.75	75.0	3.04
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42.0	42.9	39.40	75.0	3.73

Wall mounting receptacle with PHM
cable clamp. Rubber sleeves included to
allow use of different diameter cables.
No grommet supplied.

Wall mounting receptacle

CPT00A...PHM__EMI

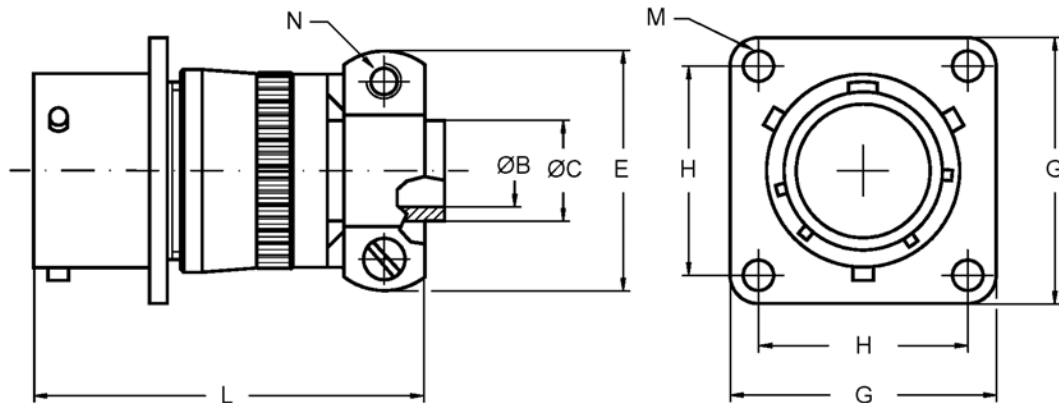


Shell size	P.N. PHM	B min. ÷ max.	D Max.	G ±0.4	H ±0.1	L Max.	M ±0.12
8	11	2÷11	15.0	20.6	15.10	60	3.04
10	11	2÷11	21.0	23.8	18.25	60	3.04
12	11	2÷11	24.0	26.2	20.60	70	3.04
14	11	2÷11	24.0	28.6	23.00	70	3.04
16	11	2÷11	24.0	31.0	24.60	70	3.04
18	11 / 18	2÷11 / 9÷16.5	42.0	33.3	27.00	85	3.04
20	18	9÷16.5	42.0	36.5	29.35	85	3.04
22	18	9÷16.5	42.0	39.7	31.75	85	3.04
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42.0	42.9	39.40	85	3.73

Wall mounting receptacle with PHM cable clamp. Rubber sleeves included to allow use of different diameter cables.
No grommet supplied.

Wall mounting receptacle

CPT00A...SR

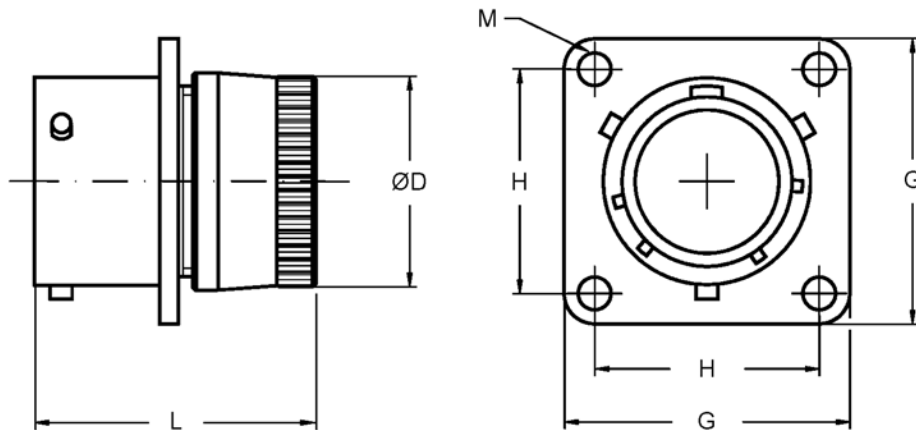


	B	C	E	G	H	L	M	N
Shell size	± 0.25	min.	Max.	± 0.4	± 0.1	Max.	± 0.12	
8	3.2	6.10	20.60	20.6	15.10	45.1	3.04	6 - 32
10	4.8	7.70	22.20	23.8	18.25	45.1	3.04	6 - 32
12	7.9	10.90	25.40	26.2	20.60	45.1	3.04	6 - 32
14	9.5	14.00	28.60	28.6	23.00	45.1	3.04	6 - 32
16	12.7	15.60	30.20	31.0	24.60	48.4	3.04	6 - 32
18	15.9	18.80	36.50	33.3	27.00	48.4	3.04	8 - 32
20	15.9	18.80	36.50	36.5	29.35	54.8	3.04	8 - 32
22	19.0	23.60	43.65	39.7	31.75	54.8	3.04	8 - 32
24	20.3	25.15	43.65	42.9	39.40	56.4	3.73	8 - 32

Wall mounting receptacle.
Includes backshell with sleeve and cable
clamp.
No grommet supplied.

Wall mounting receptacle

CPT00E

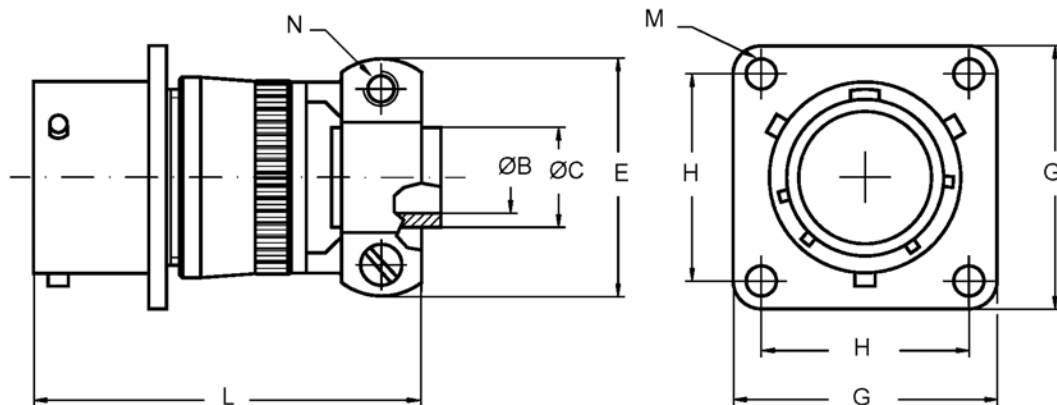


	D	G	H	L	M
Shell size	Max.	± 0.4	± 0.1	Max.	± 0.12
8	14.20	20.6	15.10	32.15	3.04
10	17.40	23.8	18.25	32.15	3.04
12	20.65	26.2	20.60	32.15	3.04
14	23.60	28.6	23.00	32.15	3.04
16	26.85	31.0	24.60	32.15	3.04
18	29.85	33.3	27.00	32.15	3.04
20	33.00	36.5	29.35	38.50	3.04
22	36.30	39.7	31.75	38.50	3.04
24	39.50	42.9	39.40	40.10	3.73

Wall mounting receptacle.
Includes sealing grommet and backshell.
For use with individual wires.

Wall mounting receptacle

CPT00E...SR

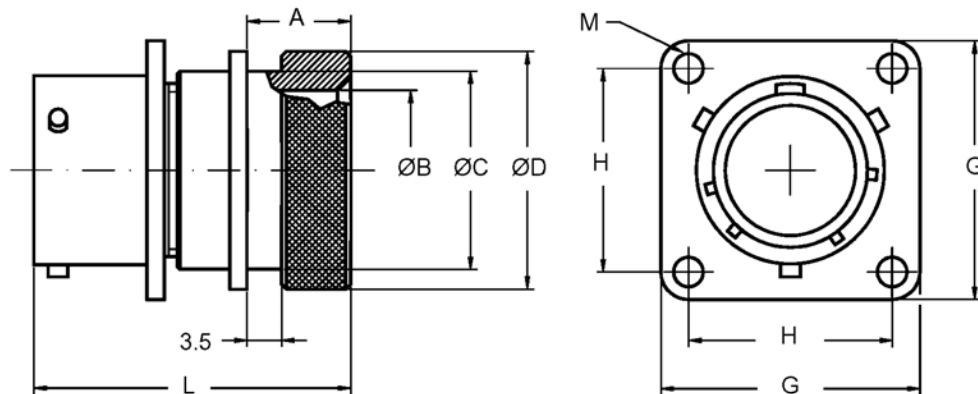


	B	C	E	G	H	L	M	N
Shell size	± 0.25	min.	Max.	± 0.4	± 0.1	Max.	± 0.12	
8	3.2	6.10	20.60	20.6	15.10	45.1	3.04	6 - 32
10	4.8	7.70	22.20	23.8	18.25	45.1	3.04	6 - 32
12	7.9	10.90	25.40	26.2	20.60	45.1	3.04	6 - 32
14	9.5	14.00	28.60	28.6	23.00	45.1	3.04	6 - 32
16	12.7	15.60	30.20	31.0	24.60	48.4	3.04	6 - 32
18	15.9	18.80	36.50	33.3	27.00	48.4	3.04	8 - 32
20	15.9	18.80	36.50	36.5	29.35	54.8	3.04	8 - 32
22	19.0	23.60	43.65	39.7	31.75	54.8	3.04	8 - 32
24	20.3	25.15	43.65	42.9	39.40	56.4	3.73	8 - 32

Wall mounting receptacle with sealing grommet , cable clamp and rubber sleeve for cable protection.

Wall mounting receptacle

CPT00G

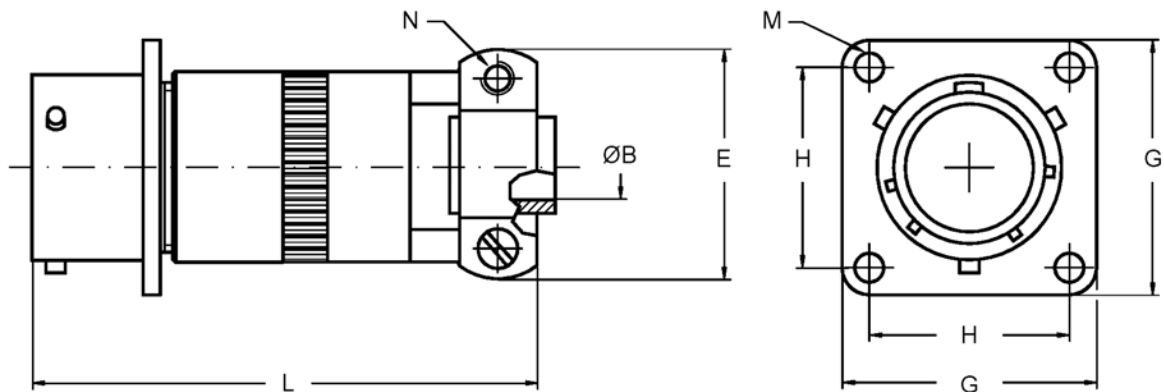


	A	B + 0.1 - 0	C + 0 - 0.1	D + 0 - 0.3	G + 0.4	H + 0.1	L Max.	M + 0.12
Shell size	± 0.1							
8	12.2	8.20	13.0	15.5	20.6	15.10	39	3.04
10	12.2	11.40	15.8	18.3	23.8	18.25	39	3.04
12	12.2	14.55	21.0	23.6	26.2	20.60	39	3.04
14	12.2	17.50	21.8	24.4	28.6	23.00	39	3.04
16	14.5	20.60	25.9	29.7	31.0	24.60	42	3.04
18	14.5	23.15	28.2	31.9	33.3	27.00	42	3.04
20	15.8	26.50	32.2	36.0	36.5	29.35	47	3.04
22	15.8	29.60	34.5	38.4	39.7	31.75	47	3.04
24	14.9	32.80	37.6	41.5	42.9	39.40	47	3.73

Wall mounting receptacle with sealing grommet and backshell for heat shrink sleeves .

Wall mounting receptacle

CPT00J

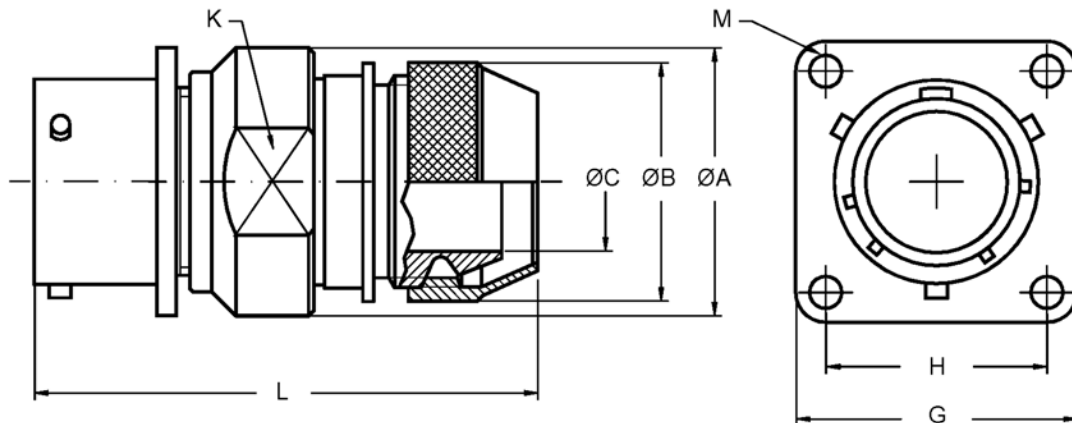


	B	E	G	H	L	M	N
Shell size	± 0.25	Max.	± 0.4	± 0.1	Max.	± 0.12	
8	3.2	20.60	20.6	15.10	55.45	3.04	6 - 32
10	4.8	22.20	23.8	18.25	55.45	3.04	6 - 32
12	7.9	25.40	26.2	20.60	59.05	3.04	6 - 32
14	9.5	28.60	28.6	23.00	63.95	3.04	6 - 32
16	12.7	30.20	31.0	24.60	72.80	3.04	6 - 32
18	15.9	36.50	33.3	27.00	78.65	3.04	8 - 32
20	15.9	36.50	36.5	29.35	89.70	3.04	8 - 32
22	19.0	43.65	39.7	31.75	93.90	3.04	8 - 32
24	20.3	43.65	42.9	39.40	100.00	3.73	8 - 32

Wall mounting receptacle with backshell
incorporating a metal sleeve , with gland
seal and cable clamp.
No grommet supplied

Wall mounting receptacle

CPT00M

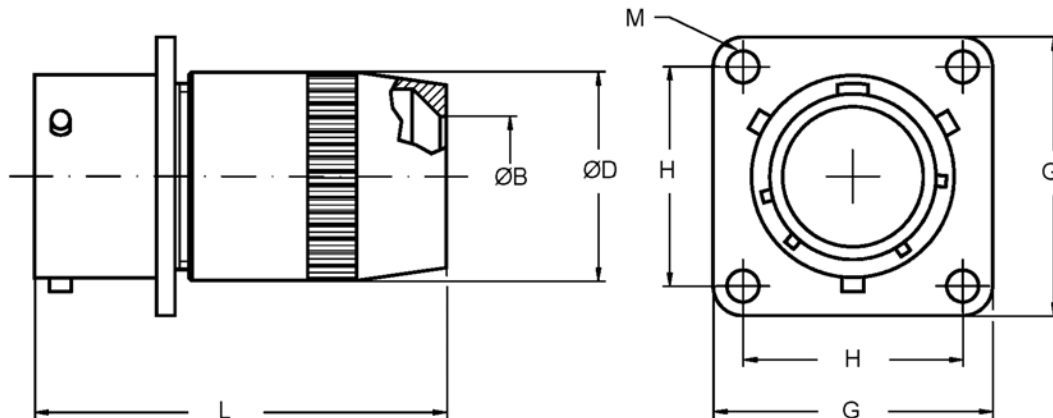


Shell size	A Max	B Max	C min	G ±0.4	H ±0.1	L Max.	M ±0.12	K key
8	19.80	16.3	6.70	20.6	15.10	52.0	3.04	18
10	22.50	18.4	9.30	23.8	18.25	52.0	3.04	21
12	26.90	22.4	12.25	26.2	20.60	52.0	3.04	24
14	29.90	25.4	15.40	28.6	23.00	53.0	3.04	28
16	32.85	28.4	18.50	31.0	24.60	53.0	3.04	31
18	35.80	32.4	20.20	33.3	27.00	53.0	3.04	34
20	39.60	34.4	23.20	36.5	29.35	57.0	3.04	37
22	42.90	38.4	26.05	39.7	31.75	57.0	3.04	41
24	45.90	41.3	30.00	42.9	39.40	58.5	3.73	44

Wall mounting receptacle with backshell
for terminating shielded cable.
Suitable for heat shrink boots.

Wall mounting receptacle

CPT00W

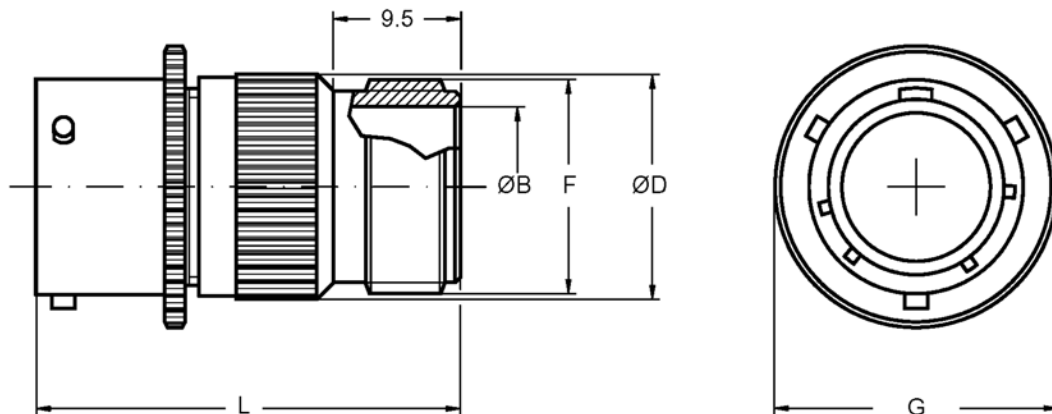


Shell size	B		D	G	H	L	M
	min.	Max.	Max.	± 0.4	± 0.1	Max.	± 0.12
8	4.25	5.85	13.90	20.6	15.10	43.30	3.04
10	5.20	7.90	17.15	23.8	18.25	43.30	3.04
12	8.60	11.20	20.60	26.2	20.60	46.90	3.04
14	10.55	13.70	23.90	28.6	23.00	51.80	3.04
16	14.00	15.65	27.10	31.0	24.60	57.30	3.04
18	15.25	17.10	30.30	33.3	27.00	63.15	3.04
20	16.10	19.00	33.60	36.5	29.35	74.20	3.04
22	17.00	21.50	36.80	39.7	31.75	78.40	3.04
24	18.80	22.70	40.00	42.9	39.40	84.10	3.73

Wall mounting receptacle with backshell incorporating metal sleeve and gland seal. No grommet supplied.

In - line receptacle

CPT01A

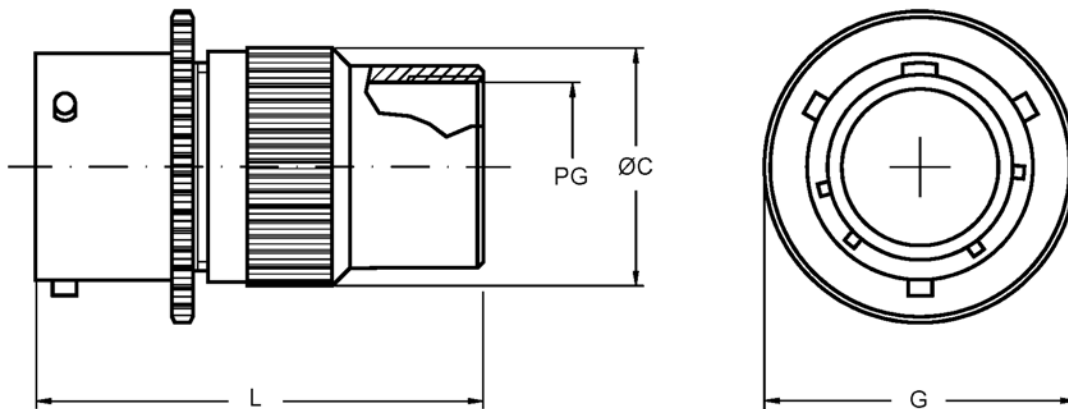


	B	D	F	G	L
Shell size	min.	Max.	Thread in inches	±0.1	Max.
8	7.55	15.00	.5000 - 28 UNEF	17.3	40.9
10	10.70	18.20	.6250 - 24 UNEF	21.8	40.9
12	13.85	21.20	.7500 - 20 UNEF	25.1	40.9
14	16.85	24.60	.8750 - 20 UNEF	28.6	40.9
16	20.00	27.60	1.0000 - 20 UNEF	30.6	40.9
18	22.30	30.90	1.1875 - 18 UNEF	33.2	40.9
20	25.75	33.80	1.1875 - 18 UNEF	36.5	45.0
22	28.80	37.10	1.4375 - 18 UNEF	39.6	45.0
24	32.00	40.25	1.4375 - 18 UNEF	43.1	46.0

In line receptacle with general duty
backshell for cable CM3057-XX A/B/C.
No grommet supplied.

In - line receptacle

CPT01A...PG__

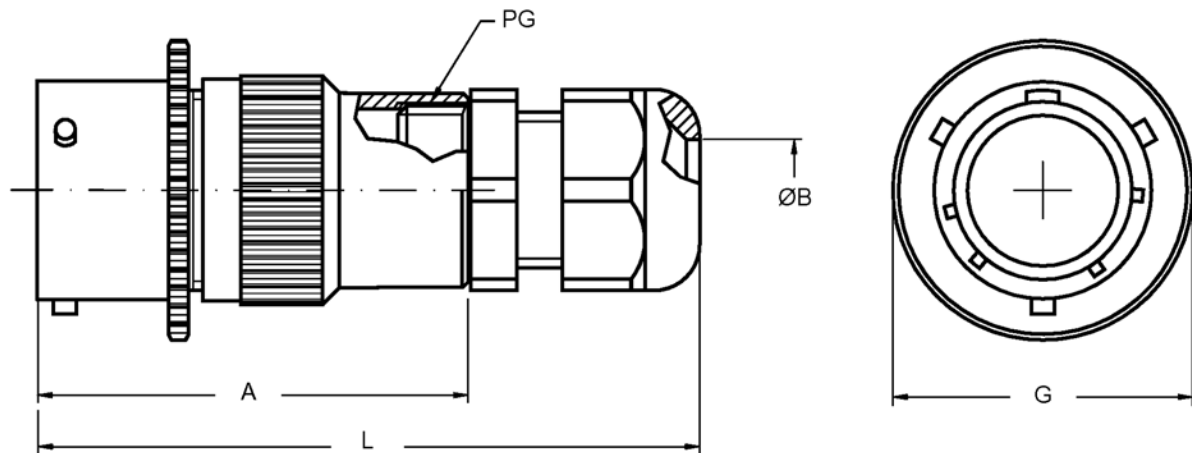


Shell size	C Max	L Max	PG thread	G ±0.1
8	18.0	40	7 / 9	17.3
10	18.0	40	9	21.8
12	23.5	40	11	25.1
14	24.5	45	11 / 13.5 / 16	28.6
16	28.0	45	11 / 13.5 / 16	30.6
18	30.5	45	13.5 / 16	33.2
20	33.5	52	13.5 / 16	36.5
22	37.0	60	13.5 / 16 / 21	39.6
24	40.0	60	13.5 / 16 / 21	43.1

In line receptacle with backshell for use with PG glands (not included). Other PG sizes and types available on request.
No grommet supplied.

In - line receptacle

CPT01A...PH__

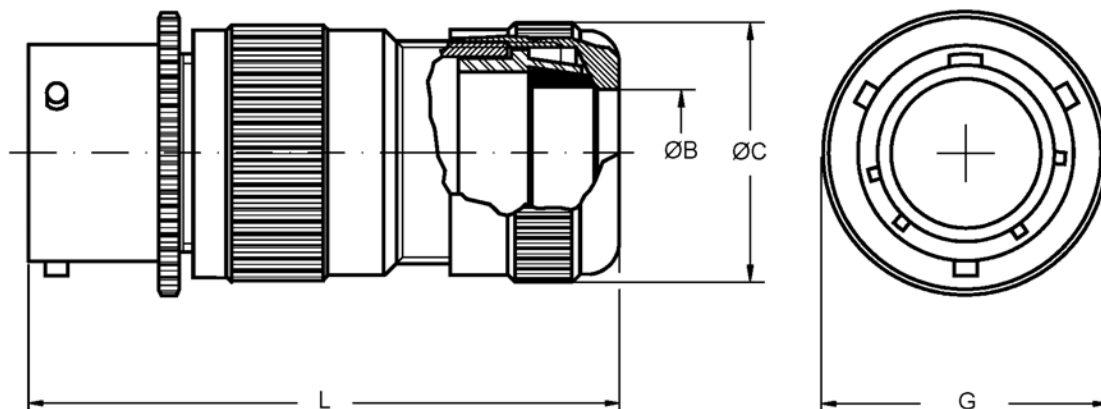


	A	B		L	G
Shell size	Max	min. ÷ max.	PG thread	Max.	±0.1
8	40	3÷6.5 / 4÷8	7 / 9	65	17.3
10	40	4÷8	9	65	21.8
12	40	5÷10	11	65	25.1
14	45	5÷10 / 6÷12 / 9÷14	11 / 13.5 / 16	75	28.6
16	45	5÷10 / 6÷12 / 9÷14	11 / 13.5 / 16	75	30.6
18	45	6÷12 / 9÷14	13.5 / 16	75	33.2
20	52	6÷12 / 9÷14	13.5 / 16	82	36.5
22	60	6÷12 / 9÷14 / 13÷18	13.5 / 16 / 21	95	39.6
24	60	6÷12 / 9÷14 / 13÷18	13.5 / 16 / 21	95	43.1

In line receptacle with backshell and plastic PG cable gland . Other PG sizes and types available upon request.
No grommet supplied.

In - line receptacle

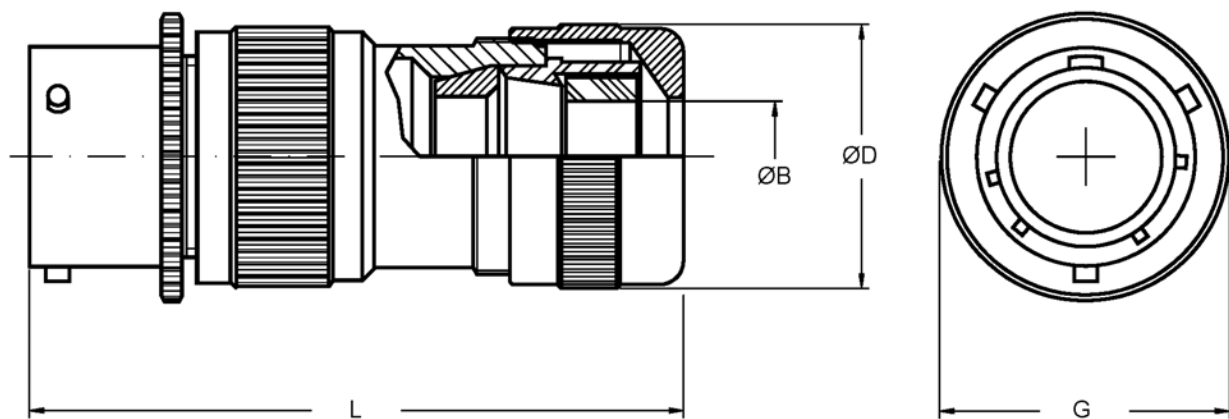
CPT01A...PHM_ _



Shell size	P.N. PHM	B min. ÷ Max.	C Max.	G ±0.1	L Max.
8	11	2÷11	15	17.3	47
10	11	2÷11	21	21.8	49
12	11	2÷11	24	25.1	58
14	11	2÷11	24	28.6	58
16	11	2÷11	24	30.6	58
18	11 / 18	2÷11 / 9÷16.5	42	33.2	75
20	18	9÷16.5	42	36.5	75
22	18	9÷16.5	42	39.6	75
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42	43.1	75

In line receptacle with PHM cable clamp.
Rubber sleeves included to allow use of
different diameter cables.
No grommet supplied.

In - line receptacle
CPT01A...PHM__EMI

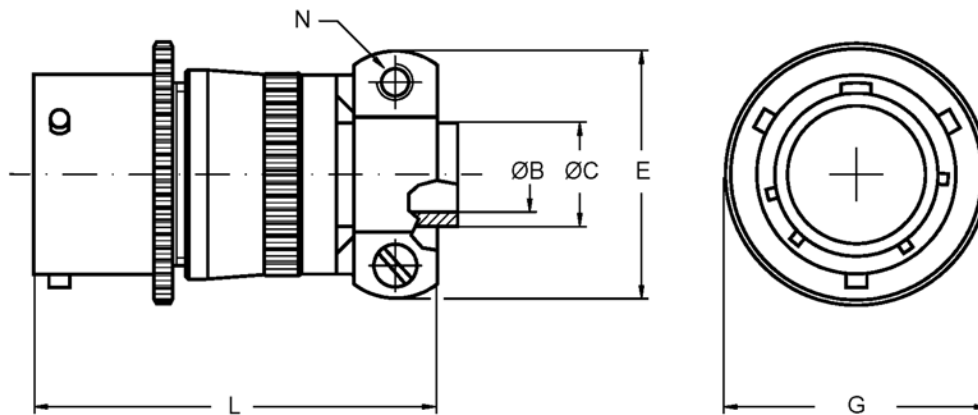


Shell size	P.N. PHM	B min. ÷ max.	D Max.	G ±0.1	L Max.
8	11	2÷11	15.0	17.3	60
10	11	2÷11	21.0	21.8	60
12	11	2÷11	24.0	25.1	70
14	11	2÷11	24.0	28.6	70
16	11	2÷11	24.0	30.6	70
18	11 / 18	2÷11 / 9÷16.5	42.0	33.2	85
20	18	9÷16.5	42.0	36.5	85
22	18	9÷16.5	42.0	39.6	85
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42.0	43.1	85

In line receptacle with PHM cable clamp.
Rubber sleeves included to allow use of
different diameter cables.
No grommet supplied.

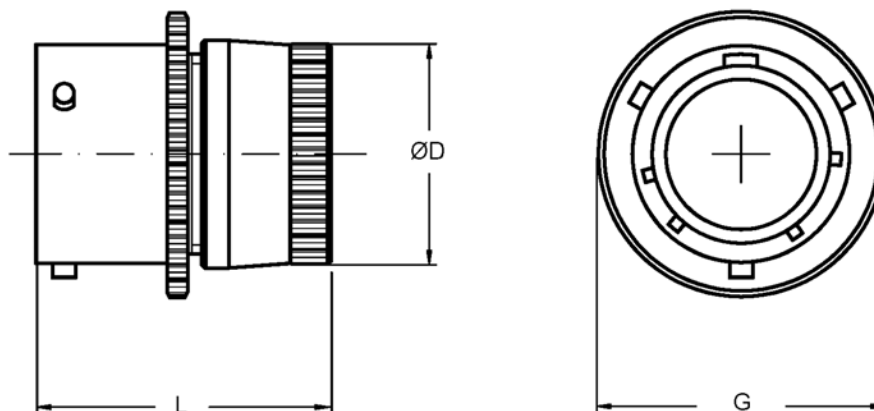
In - line receptacle

CPT01A...SR



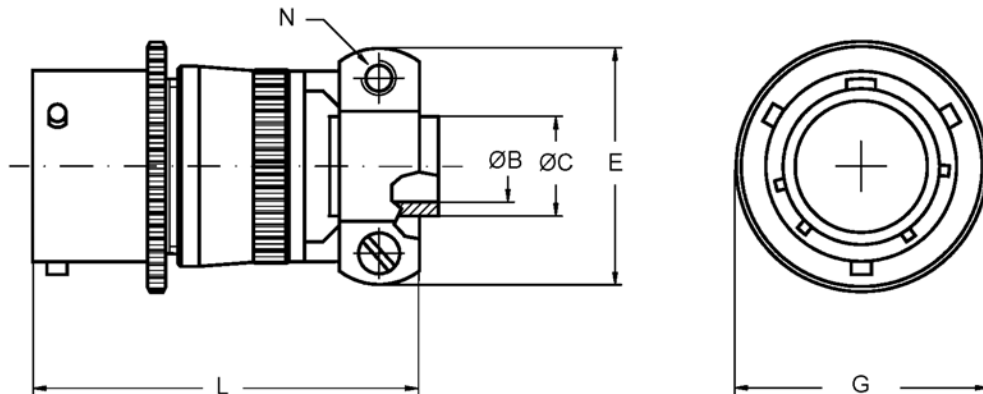
	B	C	E	G	L	N
Shell size	±0.25	min.	Max.	±0.1	Max.	
8	3.2	6.10	20.60	17.3	45.1	6 - 32
10	4.8	7.70	22.20	21.8	45.1	6 - 32
12	7.9	10.90	25.40	25.1	45.1	6 - 32
14	9.5	14.00	28.60	28.6	45.1	6 - 32
16	12.7	15.60	30.20	30.6	48.4	6 - 32
18	15.9	18.80	36.50	33.2	48.4	8 - 32
20	15.9	18.80	36.50	36.5	54.8	8 - 32
22	19.0	23.60	43.65	39.6	54.8	8 - 32
24	20.3	25.15	43.65	43.1	56.4	8 - 32

In line receptacle with cable clamp and rubber sleeve. No grommet supplied.

In - line receptacle**CPT01E**

	D	G	L
Shell size	Max.	±0.1	Max.
8	14.20	17.3	32.15
10	17.40	21.8	32.15
12	20.65	25.1	32.15
14	23.60	28.6	32.15
16	26.85	30.6	32.15
18	29.85	33.2	32.15
20	33.00	36.5	38.50
22	36.30	39.6	38.50
24	39.50	43.1	40.10

In line receptacle with grommet and grommet nut.

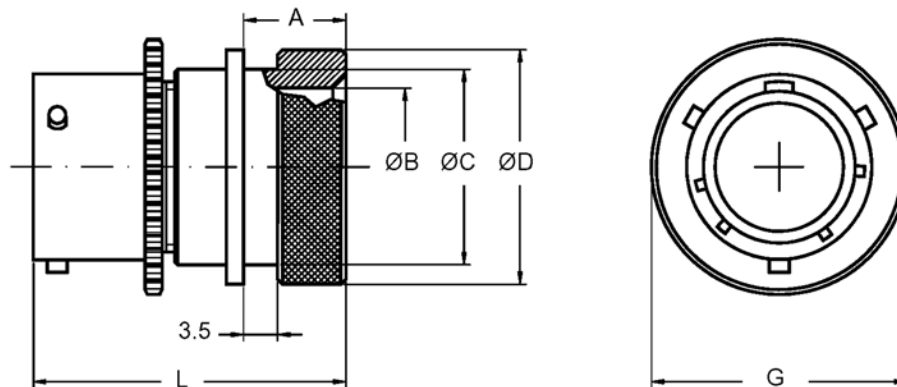
In - line receptacle**CPT01E...SR**

	B	C	E	G	L	N
Shell size	±0.25	min.	Max.	±0.1	Max.	
8	3.2	6.10	20.60	17.3	45.1	6 - 32
10	4.8	7.70	22.20	21.8	45.1	6 - 32
12	7.9	10.90	25.40	25.1	45.1	6 - 32
14	9.5	14.00	28.60	28.6	45.1	6 - 32
16	12.7	15.60	30.20	30.6	48.4	6 - 32
18	15.9	18.80	36.50	33.2	48.4	8 - 32
20	15.9	18.80	36.50	36.5	54.8	8 - 32
22	19.0	23.60	43.65	39.6	54.8	8 - 32
24	20.3	25.15	43.65	43.1	56.4	8 - 32

In line receptacle with sealing grommet ,
cable clamp and rubber sleeve for cable
protection.

In - line receptacle

CPT01G

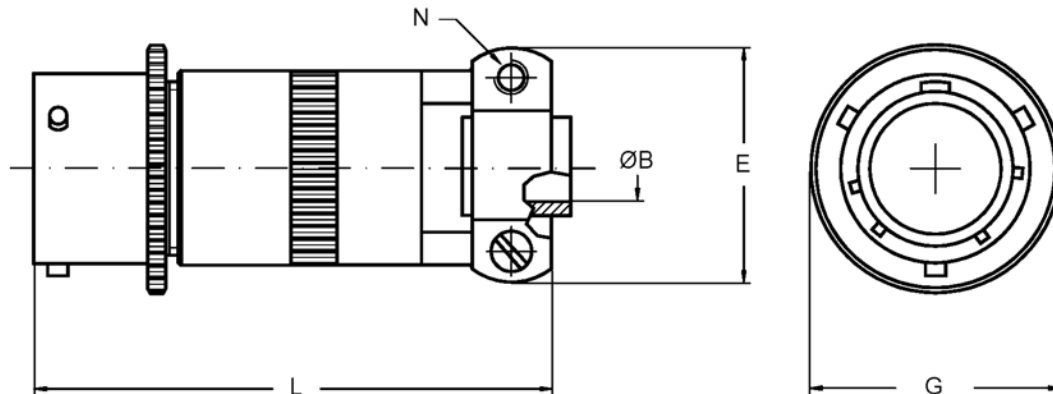


Size	A ±0.1	ØB +0.1 -0	ØC +0 -0.1	ØD +0 -0.3	L Max.	ØG ±0.1
8	12.2	8.20	13.0	15.5	39	17.3
10	12.2	11.40	15.8	18.3	39	21.8
12	12.2	14.55	21.0	23.6	39	25.1
14	12.2	17.50	21.8	24.4	39	28.6
16	14.5	20.60	25.9	29.7	42	30.6
18	14.5	23.15	28.2	31.9	42	33.2
20	15.8	26.50	32.2	36.0	47	36.5
22	15.8	29.60	34.5	38.4	47	39.6
24	14.9	32.80	37.6	41.5	47	43.1

In line receptacle with sealing grommet
and backshell for heat shrink sleeves .

In - line receptacle

CPT01J

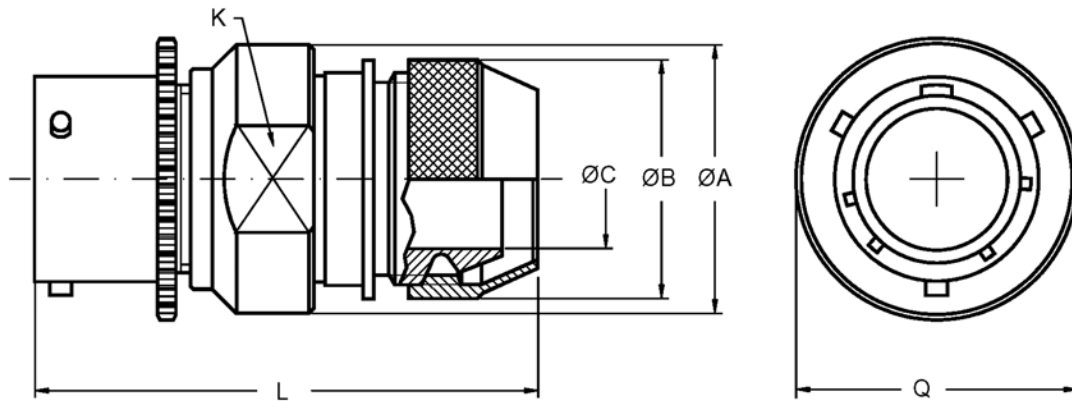


	B	E	G	L	N
Shell size	±0.25	Max.	±0.1	Max.	
8	3.2	20.60	17.3	55.45	6 - 32
10	4.8	22.20	21.8	55.45	6 - 32
12	7.9	25.40	25.1	59.05	6 - 32
14	9.5	28.60	28.6	63.95	6 - 32
16	12.7	30.20	30.6	72.80	6 - 32
18	15.9	36.50	33.2	78.65	8 - 32
20	15.9	36.50	36.5	89.70	8 - 32
22	19.0	43.65	39.6	93.90	8 - 32
24	20.3	43.65	43.1	100.00	8 - 32

In line receptacle with backshell incorporating a metal sleeve with gland seal and cable clamp. No grommet supplied.

In - line receptacle

CPT01M

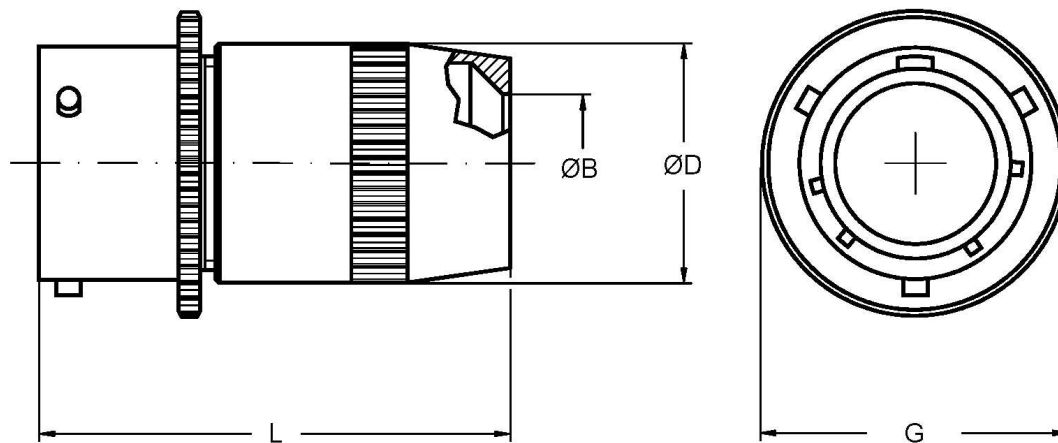


Shell size	A Max.	B Max.	C min.	K key	L Max	G ±0.1
8	19.80	16.3	6.70	18	52.0	17.3
10	22.50	18.4	9.30	21	52.0	21.8
12	26.90	22.4	12.25	24	52.0	25.1
14	29.90	25.4	15.40	28	53.0	28.6
16	32.85	28.4	18.50	31	53.0	30.6
18	35.80	32.4	20.20	34	53.0	33.0
20	39.60	34.4	23.20	37	57.0	36.5
22	42.90	38.4	26.05	41	57.0	39.6
24	45.90	41.3	30.00	44	58.5	43.1

In line receptacle with backshell for
terminating shielded cable.
Suitable for heat shrink boots.

In - line receptacle

CPT01W



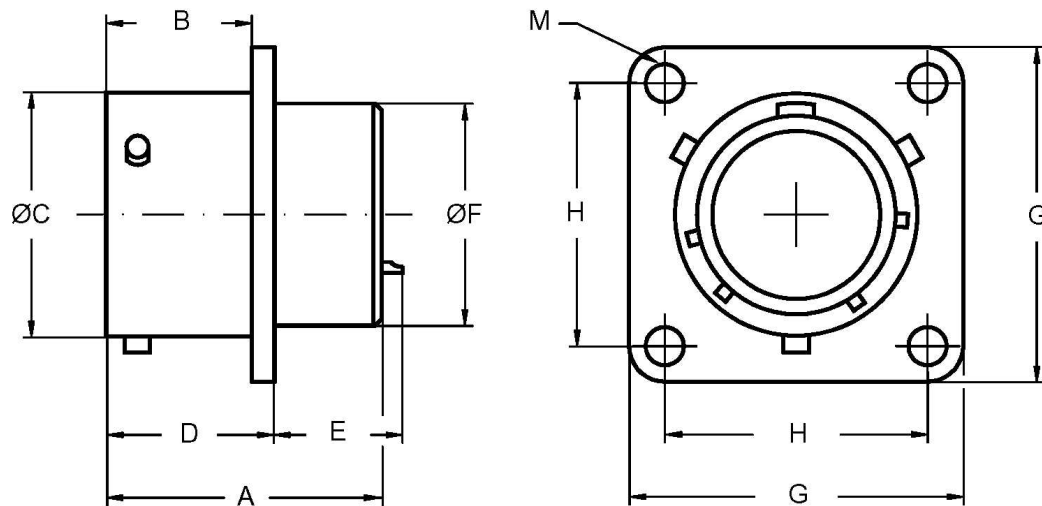
Shell size	B		D	G	L
	min.	Max.	Max.	±0.1	Max.
8	4.25	5.85	13.90	17.3	43.30
10	5.20	7.90	17.15	21.8	43.30
12	8.60	11.20	20.60	25.1	46.90
14	10.55	13.70	23.90	28.6	51.80
16	14.00	15.65	27.10	30.6	57.30
18	15.25	17.10	30.30	33.2	63.15
20	16.10	19.00	33.60	36.5	74.20
22	17.00	21.50	36.80	39.6	78.40
24	18.80	22.70	40.00	43.1	84.10

In line receptacle with backshell
incorporating a metal sleeve and gland
seal. No grommet supplied.

Box mounting receptacle

CPT02A

CPT02E

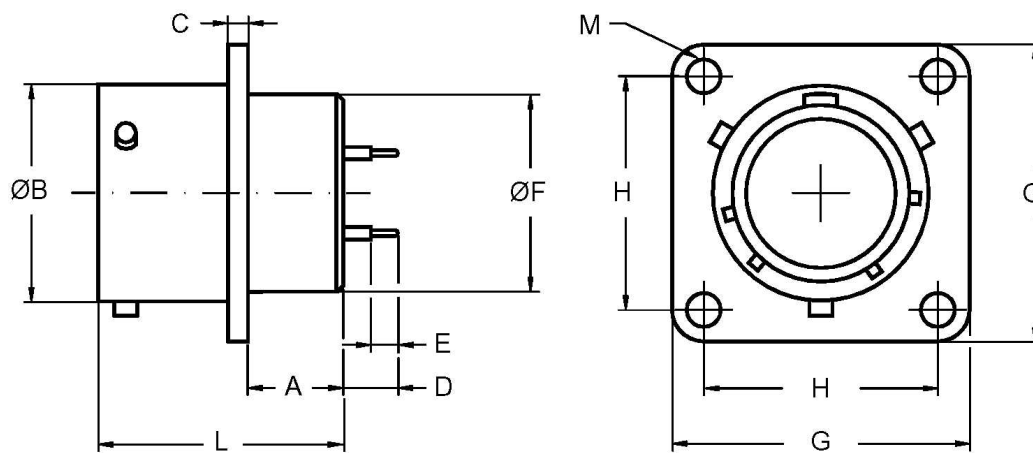


Shell size	A Max.	B + 0.25 -0	C + 0.02 -0.12	D + 0.6 -0.25	E Max.	F Max.	G ± 0.4	H ± 0.1	M ± 0.12
8	21.0	10.95	12.01	12.5	11.8	11.40	20.6	15.10	3.04
10	21.0	10.95	14.98	12.5	11.8	14.55	23.8	18.25	3.04
12	21.0	10.95	19.05	12.5	11.8	17.75	26.2	20.60	3.04
14	21.0	10.95	22.22	12.5	11.8	20.90	28.6	23.00	3.04
16	21.0	10.95	25.40	12.5	11.8	24.10	31.0	24.60	3.04
18	21.0	10.95	28.57	12.5	11.8	27.25	33.3	27.00	3.04
20	27.4	14.10	31.75	16.5	13.4	30.45	36.5	29.35	3.04
22	27.4	14.10	34.92	16.5	13.4	33.60	39.7	31.75	3.04
24	28.2	15.00	38.10	17.3	12.5	36.80	42.9	34.90	3.73

Box mounting receptacle.
No rear accessory threads.

Box mounting receptacle

CPT02Y



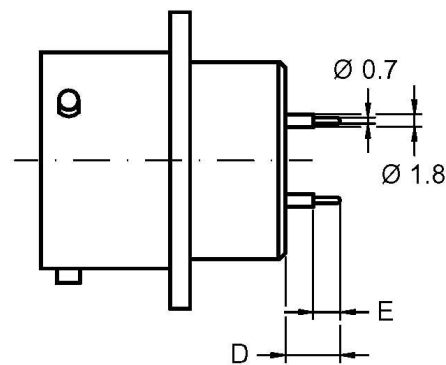
Shell size	A +0 -0.2	B +0.02 -0.12	C ±0.1	D	E	F Max.	G ±0.4	H ±0.1	L Max.	M ±0.12
8	6.2	12.01	1.6	See the table on the next page	See the table on the next page	11.40	20.6	15.10	19.5	3.04
10	6.2	14.98	1.6			14.55	23.8	18.25	19.5	3.04
12	6.2	19.05	1.6			17.75	26.2	20.60	19.5	3.04
14	6.2	22.22	1.6			20.90	28.6	23.00	19.5	3.04
16	6.2	25.40	1.6			24.10	31.0	24.60	19.5	3.04
18	6.2	28.57	1.6			27.25	33.3	27.00	19.5	3.04
20	7.5	31.75	2.4			30.45	36.5	29.35	24.5	3.04
22	7.5	34.92	2.4			33.60	39.7	31.75	24.5	3.04
24	7.5	38.10	2.4			36.80	42.9	34.90	25.5	3.73

Box mounting receptacle.
No rear accessory threads.
Flexible printed wiring terminations.



Box mounting receptacle

CPT02Y

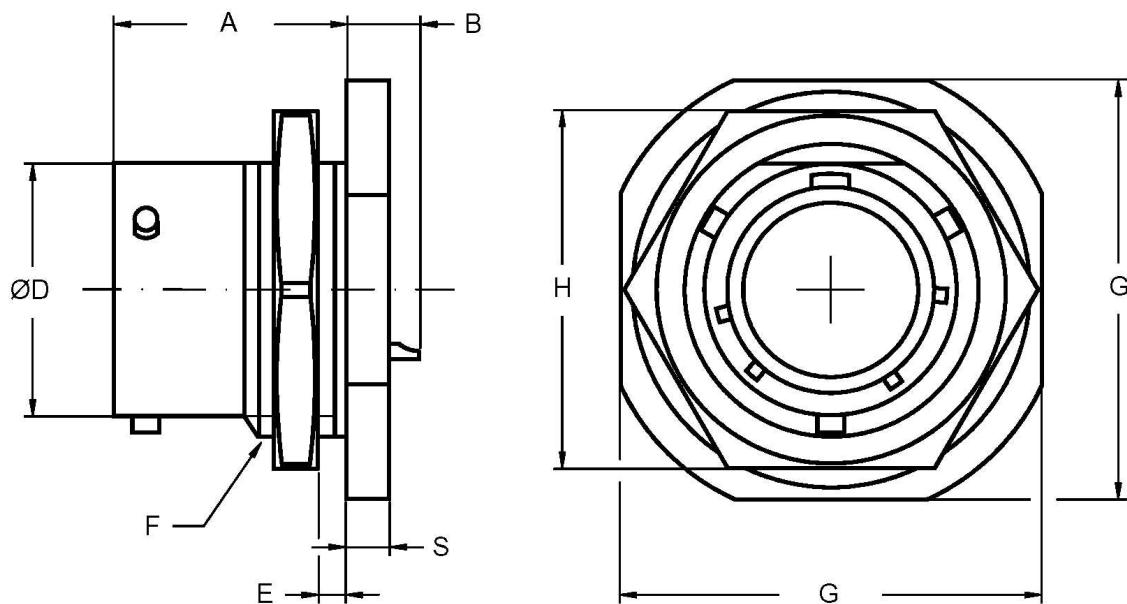


Shell size	Y		Y1		Y2		YS		YL		YM	
	D ±0.2	E ±0.1	D ±0.2	E ±0.1	D ±0.2	E ±0.1	D ±0.2	E ±0.1	D ±0.2	E ±0.1	D ±0.2	E ±0.1
8	8.6	3.6	7.4	3.2	7.8	4.8	6.4	3.2	10.9	6.0	12.4	7.2
10	8.6	3.6	7.4	3.2	7.8	4.8	6.4	3.2	10.9	6.0	12.4	7.2
12	8.6	3.6	7.4	3.2	7.8	4.8	6.4	3.2	10.9	6.0	12.4	7.2
14	8.6	3.6	7.4	3.2	7.8	4.8	6.4	3.2	10.9	6.0	12.4	7.2
16	8.6	3.6	7.4	3.2	7.8	4.8	6.4	3.2	10.9	6.0	12.4	7.2
18	8.6	3.6	7.4	3.2	7.8	4.8	6.4	3.2	10.9	6.0	12.4	7.2
20	7.8	3.6	7.6	3.2	-	-	7.5	3.2	9.3	6.0	-	-
22	7.8	3.6	7.6	3.2	-	-	7.5	3.2	9.3	6.0	-	-
24	6.7	3.6	6.5	3.2	-	-	6.4	3.2	8.2	6.0	-	-

Box mounting receptacle.
No rear accessory threads.
Flexible printed wiring terminations.
Consult factory for non-available
contacts.

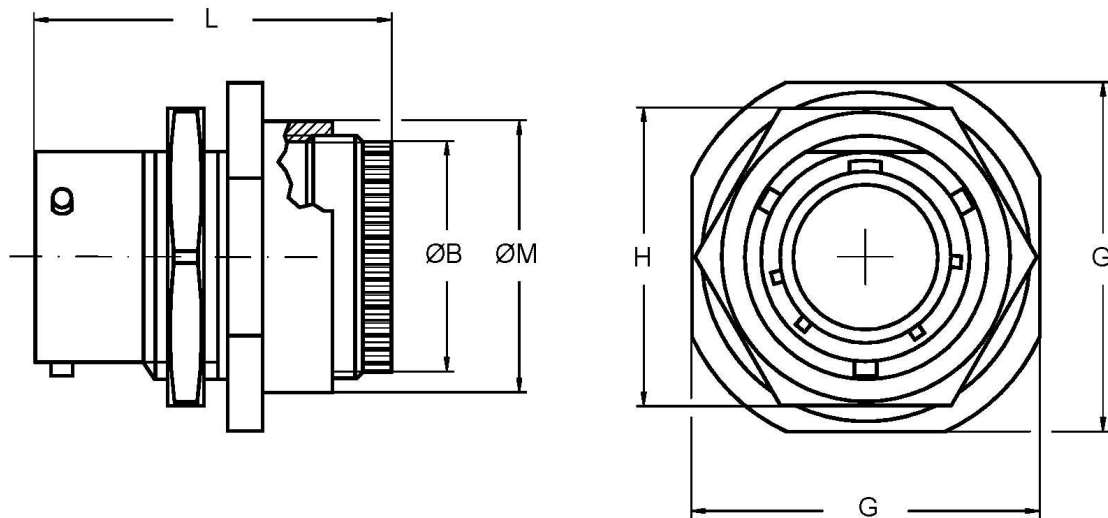
Jam nut receptacle

CPT07A



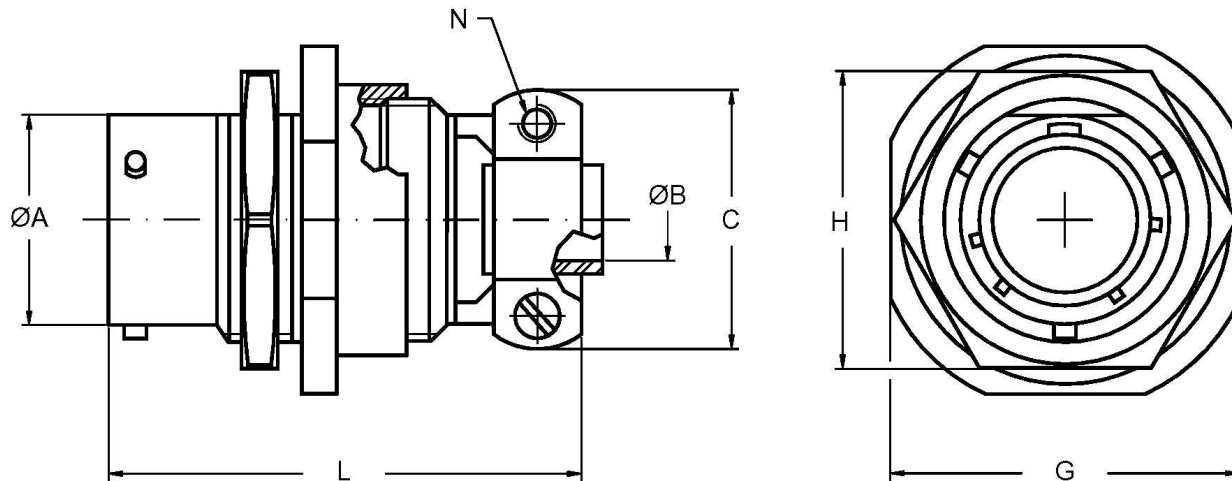
	A	B	D + 0.02 -0.12	E		F	G	H	S
Shell size	± 0.4	± 1		min.	Max.	Thread in inches	± 0.4	± 0.4	± 0.4
8	17.70	4.8	12.01	1.6	3.2	.5625 - 24 UNEF	23.8	19	3.2
10	17.70	4.8	14.98	1.6	3.2	.6875 - 24 UNEF	27.0	22	3.2
12	17.70	4.8	19.05	1.6	3.2	.8750 - 20 UNEF	31.7	27	3.2
14	17.70	4.8	22.22	1.6	3.2	1.0000 - 20 UNEF	34.9	30	3.2
16	17.70	4.8	25.40	1.6	3.2	1.1250 - 18 UNEF	38.1	33	3.2
18	17.70	4.8	28.57	1.6	3.2	1.2500 - 18 UNEF	41.3	36	3.2
20	22.45	5.6	31.75	1.6	6.3	1.3750 - 18 UNEF	46.0	40	4.0
22	22.45	5.6	34.92	1.6	6.3	1.5000 - 18 UNEF	49.2	43	4.0
24	23.30	4.8	38.10	1.6	6.3	1.6250 - 18 UNEF	52.4	46	4.0

Single hole fixing receptacle.
No rear accessory threads.
Has panel O-Ring seal

Jam nut receptacle**CPT07E**

	B	G	H	L	M
Shell size	Max.	± 0.4	± 0.4	Max.	Max.
8	13.5	23.8	19	34.40	18.5
10	16.5	27.0	22	34.40	21.7
12	19.5	31.7	27	34.40	24.9
14	22.5	34.9	30	34.40	28.0
16	25.5	38.1	33	34.40	31.2
18	29.0	41.3	36	34.40	34.4
20	31.8	46.0	40	40.75	38.4
22	35.0	49.2	43	40.75	41.5
24	38.0	52.4	46	52.30	44.7

Single hole fixing receptacle.
With grommet and grommet nut.
Has panel O-Ring seal.

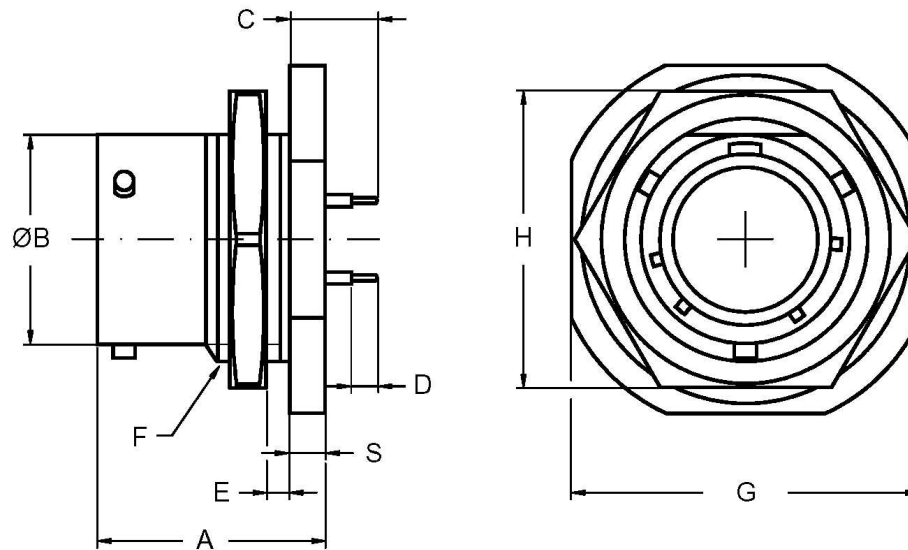
Jam nut receptacle**CPT07E...SR**

Shell size	A +0.02 -0.12	B ±0.25	C Max.	G ±0.4	H ±0.4	L Max	N thread
8	12.01	3.2	20.60	23.8	19	56	6 - 32
10	14.98	4.8	22.20	27.0	22	56	6 - 32
12	19.05	7.9	25.40	31.7	27	56	6 - 32
14	22.22	9.5	28.60	34.9	30	56	6 - 32
16	25.40	12.7	30.20	38.1	33	56	6 - 32
18	28.57	15.9	36.50	41.3	36	58	8 - 32
20	31.75	15.9	36.50	46.0	40	58	8 - 32
22	34.92	19.0	43.65	49.2	43	65	8 - 32
24	38.10	20.3	43.65	52.4	46	65	8 - 32

Single hole fixing receptacle with sealing grommet , cable clamp and rubber sleeve for cable protection.
Has panel O-Ring seal .

Jam nut receptacle

CPT07Y

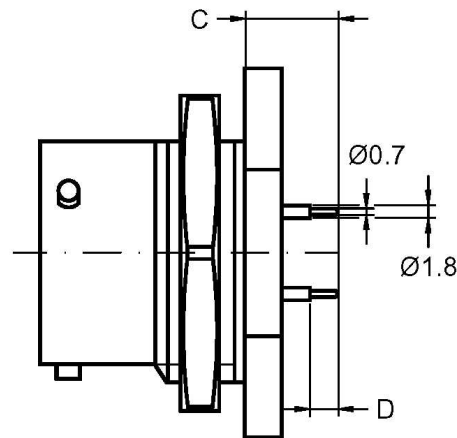


Shell size	A	B	C	D	E		F	G	H	S
	±0.2	+0.02 -0.12			min.	Max.	Thread in inches	±0.4	±0.4	±0.4
8	20.85	12.01	See the table on the next page	See the table on the next page	1.6	3.2	.5625 - 24 UNEF	23.8	19	3.2
10	20.85	14.98			1.6	3.2	.6875 - 24 UNEF	27.0	22	3.2
12	20.85	19.05			1.6	3.2	.8750 - 20 UNEF	31.7	27	3.2
14	20.85	22.22			1.6	3.2	1.0000 - 20 UNEF	34.9	30	3.2
16	20.85	25.40			1.6	3.2	1.1250 - 18 UNEF	38.1	33	3.2
18	20.85	28.57			1.6	3.2	1.2500 - 18 UNEF	41.3	36	3.2
20	26.40	31.75			1.6	6.3	1.3750 - 18 UNEF	46.0	40	4.0
22	26.40	34.92			1.6	6.3	1.5000 - 18 UNEF	49.2	43	4.0
24	26.40	38.10			1.6	6.3	1.6250 - 18 UNEF	52.4	46	4.0

Single hole fixing receptacle with plain shell for flexible printed wiring terminations. Has panel O-Ring seal.

Jam nut receptacle

CPT07Y

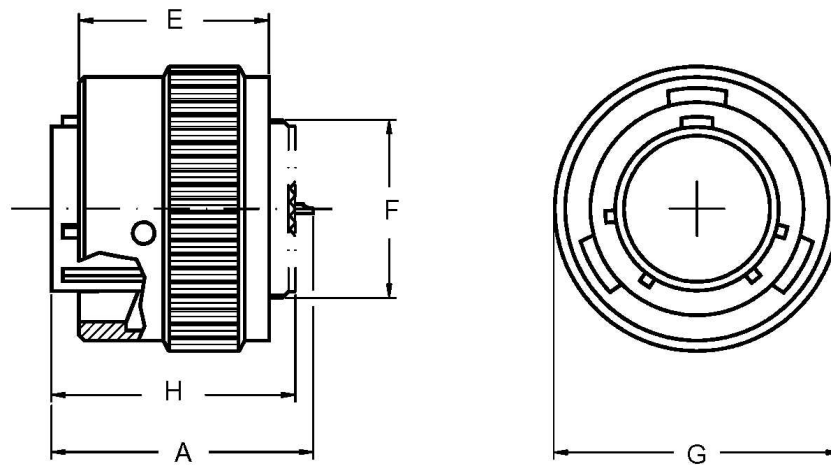


Shell size	Y		Y1		Y2		YS		YL		YM	
	C ±0.2	D ±0.1	C ±0.2	D ±0.1	C ±0.2	D ±0.1	C ±0.2	D ±0.1	C ±0.2	D ±0.1	C ±0.2	D ±0.1
8	10.0	3.6	8.9	3.2	9.4	4.8	7.8	3.2	12.5	6.0	14.0	7.2
10	10.0	3.6	8.9	3.2	9.4	4.8	7.8	3.2	12.5	6.0	14.0	7.2
12	10.0	3.6	8.9	3.2	9.4	4.8	7.8	3.2	12.5	6.0	14.0	7.2
14	10.0	3.6	8.9	3.2	9.4	4.8	7.8	3.2	12.5	6.0	14.0	7.2
16	10.0	3.6	8.9	3.2	9.4	4.8	7.8	3.2	12.5	6.0	14.0	7.2
18	10.0	3.6	8.9	3.2	9.4	4.8	7.8	3.2	12.5	6.0	14.0	7.2
20	9.6	3.6	9.3	3.2	-	-	9.3	3.2	11.1	6.0	-	-
22	9.6	3.6	9.3	3.2	-	-	9.3	3.2	11.1	6.0	-	-
24	8.8	3.6	8.5	3.2	-	-	8.5	3.2	10.3	6.0	-	-

Single hole fixing receptacle with plain shell for flexible printed wiring terminations. Has panel O-Ring seal. Consult factory for non-available contacts.

Straight plug

CPT06A ... N0



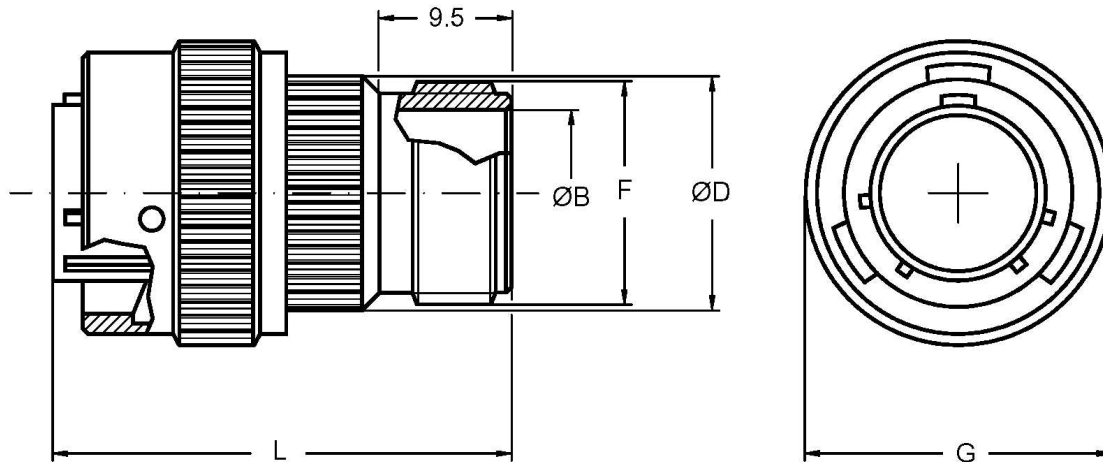
	A	H	F	ØG	E
Shell size	Max.	± 0.2	Thread in inches	Max.	± 0.2
8	25.4	21.4	.4375 - 28 UNEF	19.05	18
10	25.4	21.4	.5625 - 24 UNEF	21.80	18
12	25.4	21.4	.6875 - 24 UNEF	26.20	18
14	25.4	21.4	.8125 - 20 UNEF	29.40	18
16	25.4	21.4	.9375 - 20 UNEF	32.55	18
18	25.4	21.4	1.0625 - 18 UNEF	35.35	18
20	27.8	25.4	1.1875 - 18 UNEF	38.90	19
22	27.8	25.4	1.3125 - 18 UNEF	42.10	19
24	27.8	27.0	1.4375 - 18 UNEF	45.10	20

Straight plug without backshell .
Available with Arctic coupling nut .



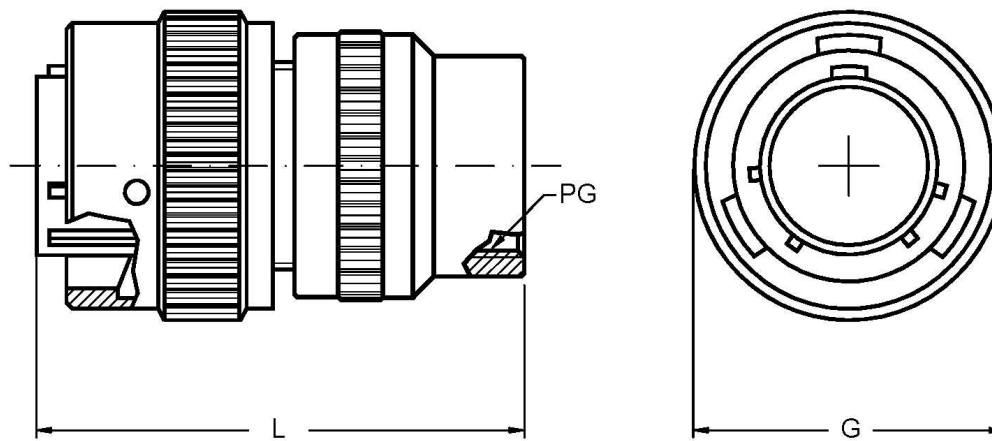
Straight plug

CPT06A



	B	D	F	G	L
Shell size	min.	Max.	Thread in inches	Max.	Max.
8	7.55	15.00	.5000 - 28 UNEF	19.05	40.90
10	10.70	18.20	.6250 - 24 UNEF	21.80	40.90
12	13.85	21.20	.7500 - 20 UNEF	26.20	40.90
14	16.85	24.60	.8750 - 20 UNEF	29.40	40.90
16	20.00	27.60	1.0000 - 20 UNEF	32.55	40.90
18	22.30	30.90	1.1875 - 18 UNEF	35.35	40.90
20	25.75	33.80	1.1875 - 18 UNEF	38.90	42.10
22	28.80	37.10	1.4375 - 18 UNEF	42.10	42.10
24	32.00	40.25	1.4375 - 18 UNEF	45.10	43.45

Straight plug with general duty backshell
for cable clamp CM3057-XX A-B-C.
No grommet supplied

Straight plug**CPT06A...PG__**

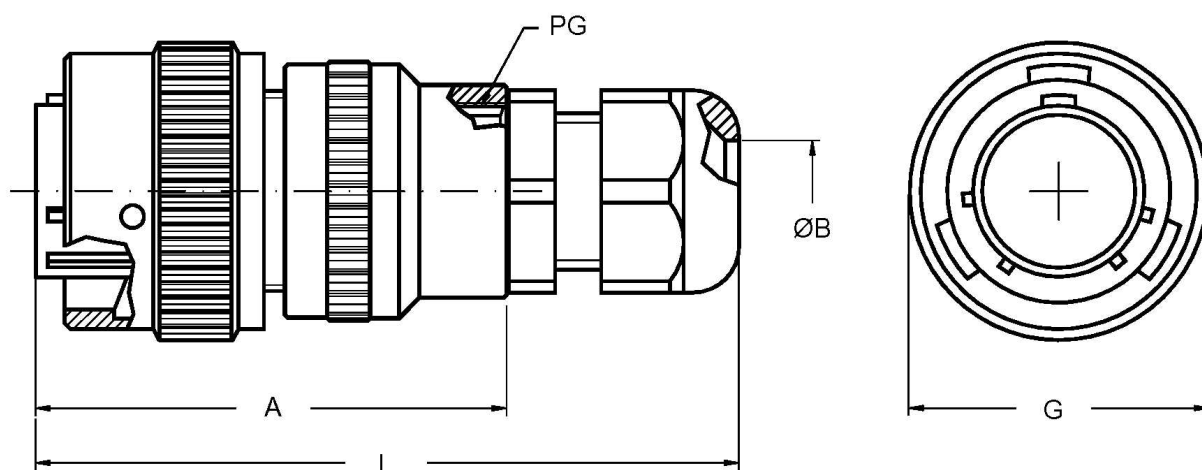
Shell size	L Max	PG thread	G Max.
8	40	7 / 9	19.05
10	40	9	21.80
12	40	11	26.20
14	45	11 / 13.5 / 16	29.40
16	45	11 / 13.5 / 16	32.55
18	45	13.5 / 16	35.35
20	52	13.5 / 16	38.90
22	60	13.5 / 16 / 21	42.10
24	60	13.5 / 16 / 21	45.10

Straight plug with backshell for use with PG glands (not included). Other PG sizes and types available on request.
No grommet supplied.



Straight plug

CPT06A...PH__

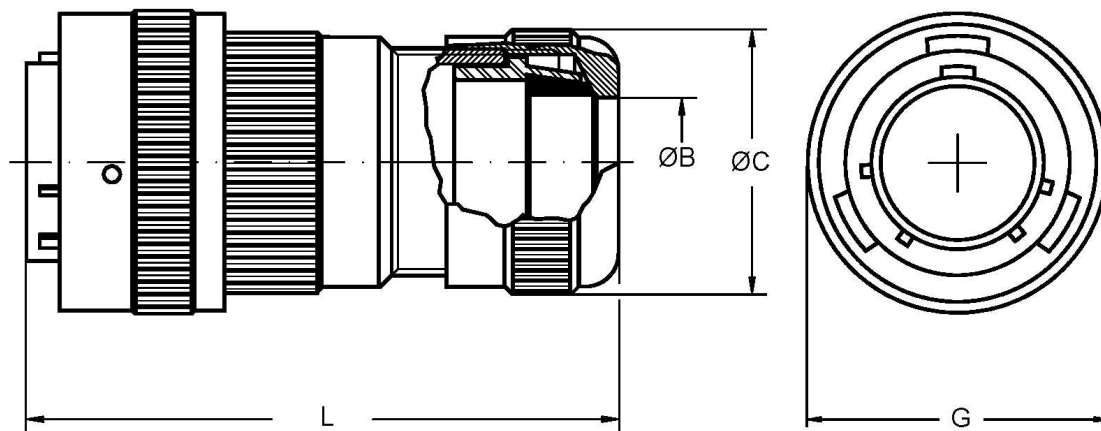


	A	B		L	G
Shell size	Max	min. ÷ max.	PG thread	Max.	Max
8	40	3÷6.5 / 4÷8	7 / 9	65	19.05
10	40	4÷8	9	65	21.80
12	40	5÷10	11	65	26.20
14	45	5÷10 / 6÷12 / 9÷14	11 / 13.5 / 16	75	29.40
16	45	5÷10 / 6÷12 / 9÷14	11 / 13.5 / 16	75	32.55
18	45	6÷12 / 9÷14	13.5 / 16	75	35.35
20	52	6÷12 / 9÷14	13.5 / 16	82	38.90
22	60	6÷12 / 9÷14 / 13÷18	13.5 / 16 / 21	95	42.10
24	60	6÷12 / 9÷14 / 13÷18	13.5 / 16 / 21	95	45.10

Straight plug with backshell and plastic
PG cable gland . Other PG sizes and
types available upon request.
No grommet supplied.

Straight plug

CPT06A...PHM__

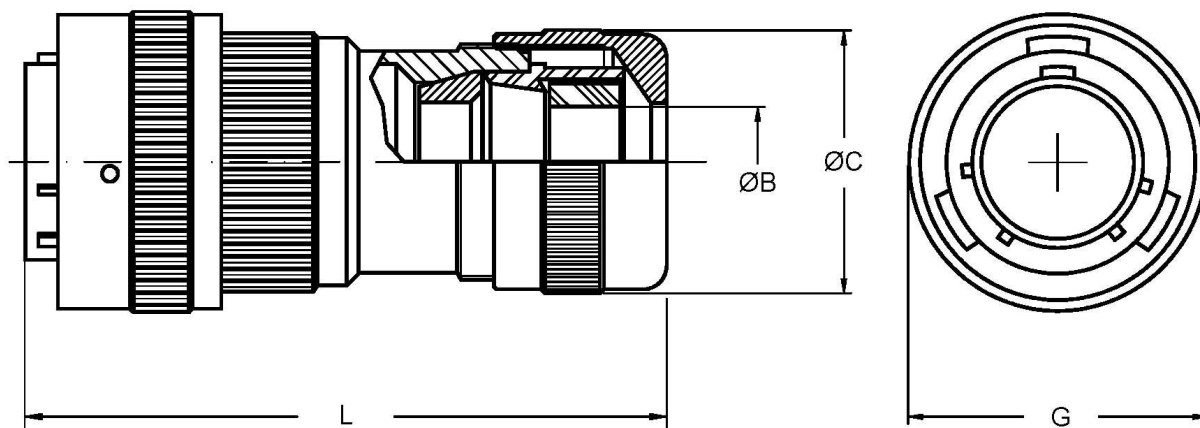


Shell size	P.N. PHM	B min. ÷ Max.	C Max.	G Max.	L Max.
8	11	2÷11	15	19.05	47
10	11	2÷11	21	21.80	49
12	11	2÷11	24	26.20	58
14	11	2÷11	24	29.40	58
16	11	2÷11	24	32.55	58
18	11 / 18	2÷11 / 9÷16.5	42	35.35	75
20	18	9÷16.5	42	38.90	75
22	18	9÷16.5	42	42.10	75
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42	45.10	75

Straight plug with PHM cable clamp .
Rubber sleeves included to allow use of
different diameter cables.
No grommet supplied.

Straight plug

CPT06A...PHM_ _ EMI

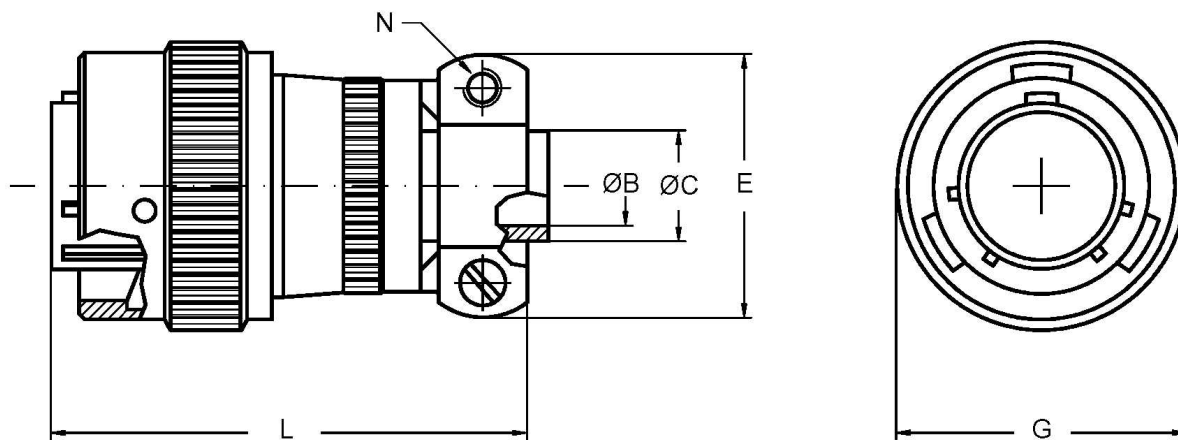


Shell size	P.N. PHM	B min. ÷ max.	D Max.	G Max	L Max.
8	11	2÷11	15.0	19.05	60
10	11	2÷11	21.0	21.80	60
12	11	2÷11	24.0	26.20	70
14	11	2÷11	24.0	29.40	70
16	11	2÷11	24.0	32.55	70
18	11 / 18	2÷11 / 9÷16.5	42.0	35.35	85
20	18	9÷16.5	42.0	38.90	85
22	18	9÷16.5	42.0	42.10	85
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42.0	45.10	85

Straight plug with PHM cable clamp.
Rubber sleeves included to allow use of
different diameter cables.
No grommet supplied.

Straight plug

CPT06A...SR

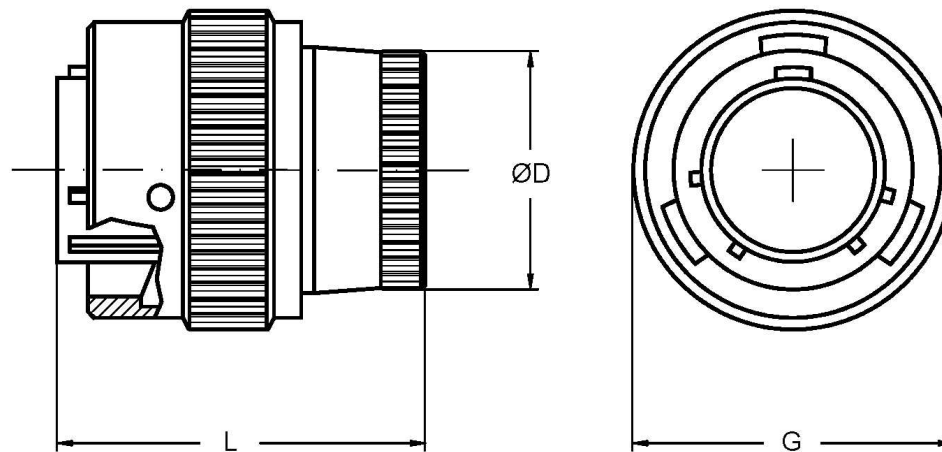


Shell size	B ± 0.25	C min.	E Max.	G ± 0.4	L Max.	N
8	3.2	6.10	20.60	19.05	44.70	6 - 32
10	4.8	7.70	22.20	21.80	44.70	6 - 32
12	7.9	10.90	25.40	26.20	44.70	6 - 32
14	9.5	14.00	28.60	29.40	44.70	6 - 32
16	12.7	15.60	30.20	32.55	48.10	6 - 32
18	15.9	18.80	36.50	35.35	48.10	8 - 32
20	15.9	18.80	36.50	38.90	52.85	8 - 32
22	19.0	23.60	43.65	42.10	52.85	8 - 32
24	20.3	25.15	43.65	45.10	54.40	8 - 32

Straight plug with cable clamp and rubber sleeve. No grommet supplied.

Straight plug

CPT06E

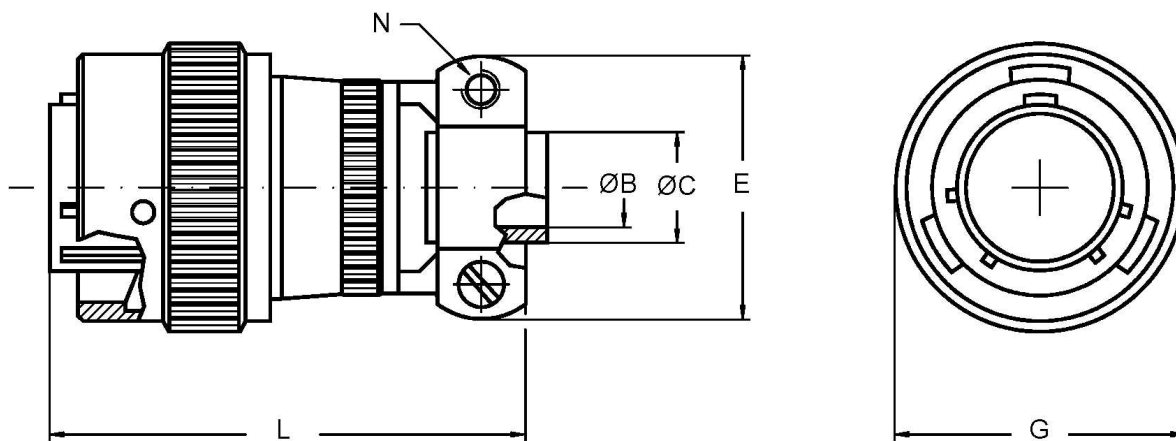


	D	G	L
Shell size	Max.	± 0.4	Max.
8	14.20	19.05	32.15
10	17.40	21.80	32.15
12	20.65	26.20	32.15
14	23.60	29.40	32.15
16	26.85	32.55	32.15
18	29.85	35.35	32.15
20	33.00	38.90	36.50
22	36.30	42.10	36.50
24	39.50	45.10	38.10

Straight plug with grommet and grommet nut.

Straight plug

CPT06E...SR

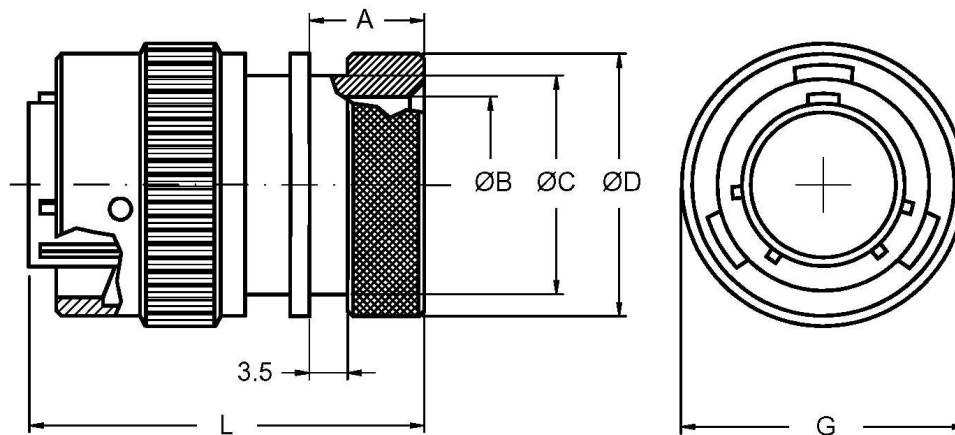


Shell size	B ± 0.25	C min.	E Max.	G ± 0.4	L Max.	N
8	3.2	6.10	20.60	19.05	44.70	6 - 32
10	4.8	7.70	22.20	21.80	44.70	6 - 32
12	7.9	10.90	25.40	26.20	44.70	6 - 32
14	9.5	14.00	28.60	29.40	44.70	6 - 32
16	12.7	15.60	30.20	32.55	48.10	6 - 32
18	15.9	18.80	36.50	35.35	48.10	8 - 32
20	15.9	18.80	36.50	38.90	52.85	8 - 32
22	19.0	23.60	43.65	42.10	52.85	8 - 32
24	20.3	25.15	43.65	45.10	54.40	8 - 32

Straight plug with sealing grommet ,
cable clamp and rubber sleeve for cable
protection.

Straight plug

CPT06G



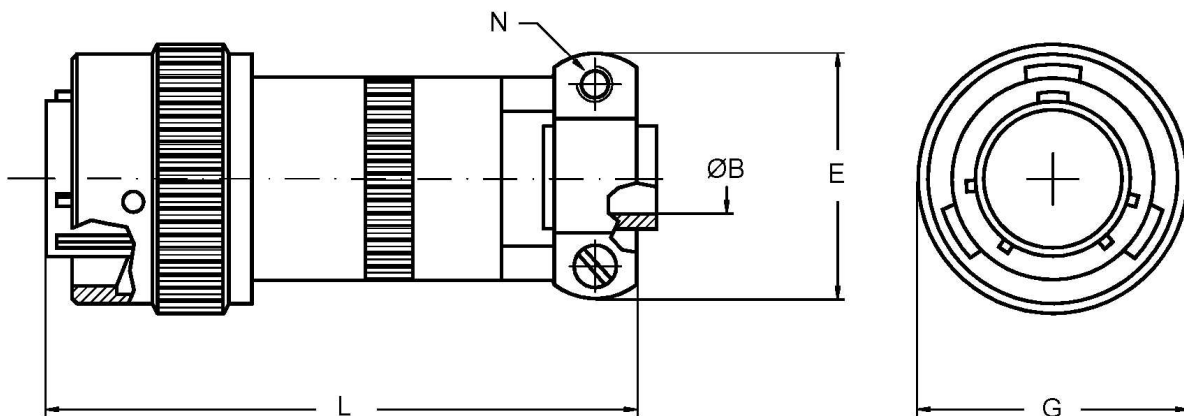
Size	A + 0.1 - 0	ØB + 0.1 - 0	ØC + 0 - 0.1	ØD + 0 - 0.3	L Max.	ØG Max.
8	12.2	8.20	13.0	15.5	39	19.05
10	12.2	11.40	15.8	18.3	39	21.80
12	12.2	14.55	21.0	23.6	39	26.20
14	12.2	17.50	21.8	24.4	39	29.40
16	14.5	20.60	25.9	29.7	42	32.55
18	14.5	23.15	28.2	31.9	42	35.35
20	15.8	26.50	32.2	36.0	47	38.90
22	15.8	29.60	34.5	38.4	47	42.10
24	14.9	32.80	37.6	41.5	47	45.10

Straight plug with sealing grommet and backshell for heat shrink sleeves.



Straight plug

CPT06J

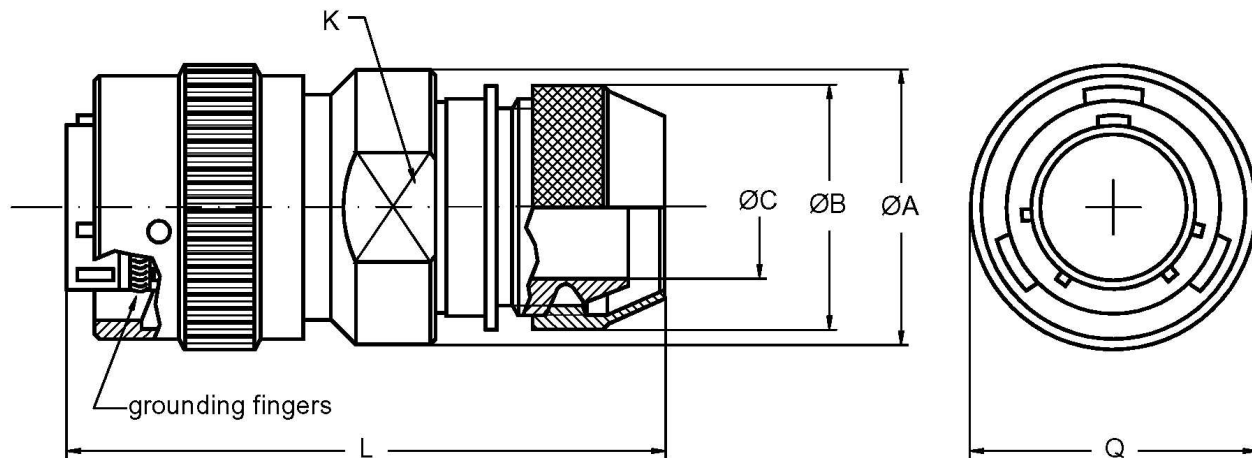


	B	E	G	L	N
Shell size	± 0.25	Max.	± 0.4	Max.	
8	3.2	20.60	19.05	53	6 - 32
10	4.8	22.20	21.80	53	6 - 32
12	7.9	25.40	26.20	57	6 - 32
14	9.5	28.60	29.40	62	6 - 32
16	12.7	30.20	32.55	70	6 - 32
18	15.9	36.50	35.35	76	8 - 32
20	15.9	36.50	38.90	86	8 - 32
22	19.0	43.65	32.10	90	8 - 32
24	20.3	43.65	45.10	96	8 - 32

Straight plug with backshell
incorporating a metal sleeve with gland
seal and cable clamp. No grommet
supplied.

Straight plug

CPT06M
CPTG06M

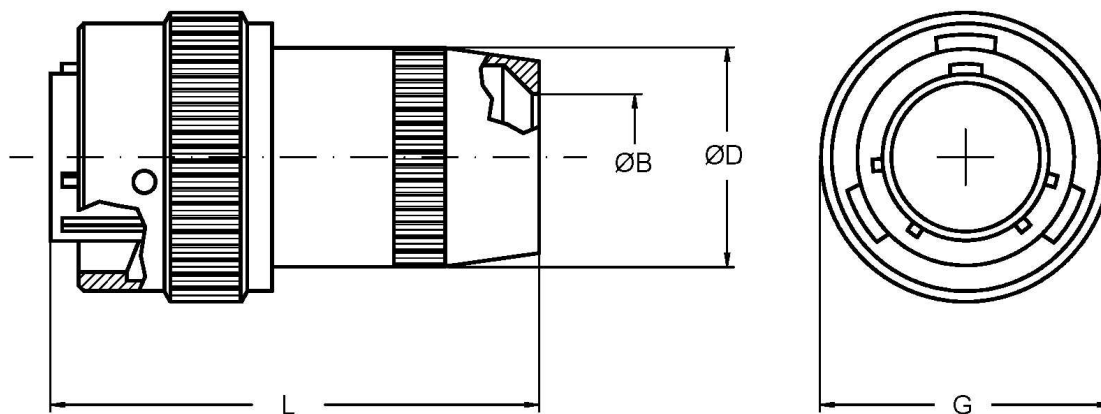


Shell size	A Max.	B Max.	C min.	K key	L Max	Q Max.
8	19.80	16.3	6.70	18	52.0	19.05
10	22.50	18.4	9.30	21	52.0	21.80
12	26.90	22.4	12.25	24	52.0	26.20
14	29.90	25.4	15.40	28	53.0	29.40
16	32.85	28.4	18.50	31	53.0	32.55
18	35.80	32.4	20.20	34	53.0	35.35
20	39.60	34.4	23.20	37	57.0	38.90
22	42.90	38.4	26.05	41	57.0	42.10
24	45.90	41.3	30.00	44	58.5	45.10

Straight plug with backshell for
terminating shielded cable.
Suitable for heat shrink boots.
Can be ordered with grounding fingers
with Pt.No. CPTG06M .

Straight plug

CPT06W



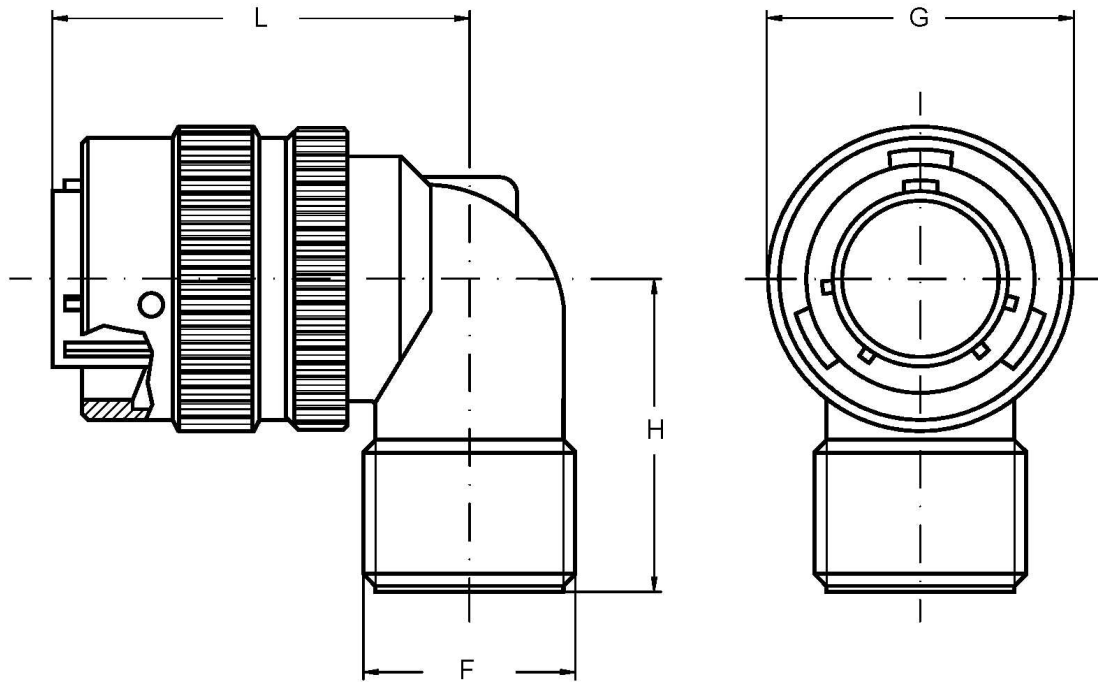
Shell size	B		D	G	L
	min.	Max.	Max.	± 0.4	Max.
8	4.25	5.85	13.90	19.05	43.30
10	5.20	7.90	17.15	21.80	43.30
12	8.60	11.20	20.60	26.20	46.90
14	10.55	13.70	23.90	29.40	51.80
16	14.00	15.65	27.10	32.55	57.30
18	15.25	17.10	30.30	35.35	63.15
20	16.10	19.00	33.60	38.90	72.20
22	17.00	21.50	36.80	42.10	76.20
24	18.80	22.70	40.00	45.10	81.55

Straight plug with backshell
incorporating a metal sleeve and gland
seal. No grommet supplied.



90° plug

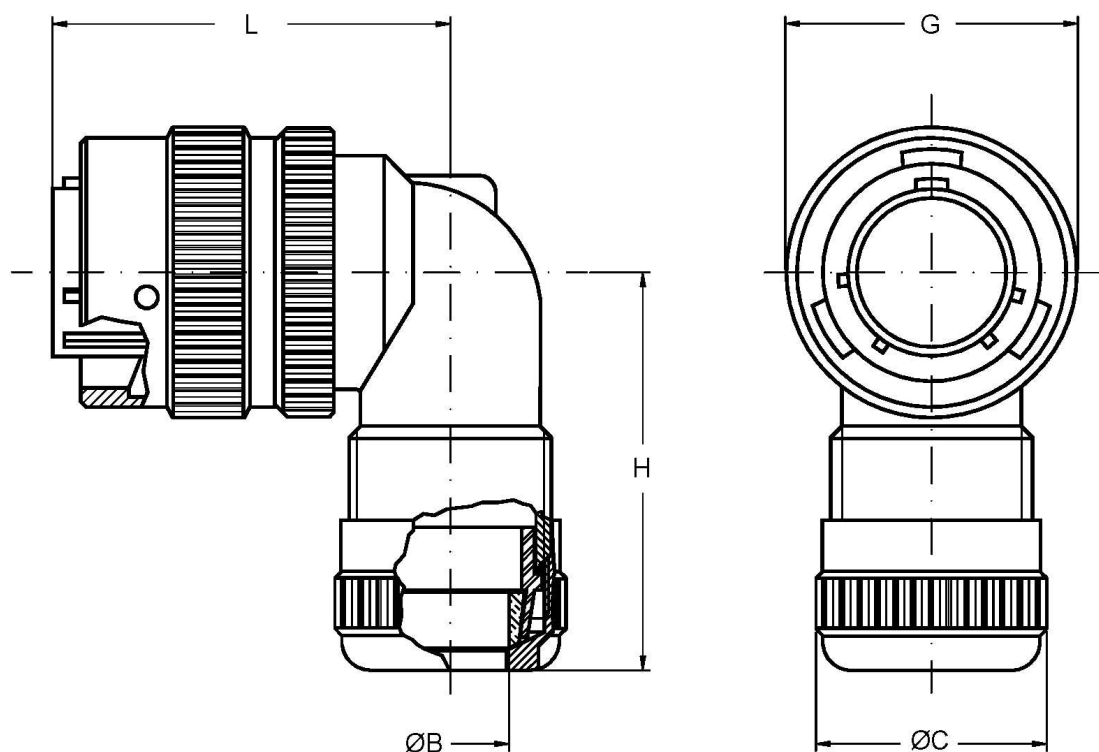
CPT08AM



	F	G	H	L
Shell size	Thread in inches	Max.	± 1	± 1
8	.5000 - 28 UNEF	19.05	19	32
10	.6250 - 24 UNEF	21.80	24	32
12	.7500 - 20 UNEF	26.20	27	35
14	.8750 - 20 UNEF	29.40	28	38
16	1.0000 - 20 UNEF	32.55	30	41
18	1.1875 - 18 UNEF	35.35	32	44
20	1.1875 - 18 UNEF	38.90	34	48
22	1.4375 - 18 UNEF	42.10	36	51
24	1.4375 - 18 UNEF	45.10	39	56

Plug with 90° backshell for cable clamp
CM3057-XX A-B-C.
No grommet supplied.

90° plug
CPT08A...PHM

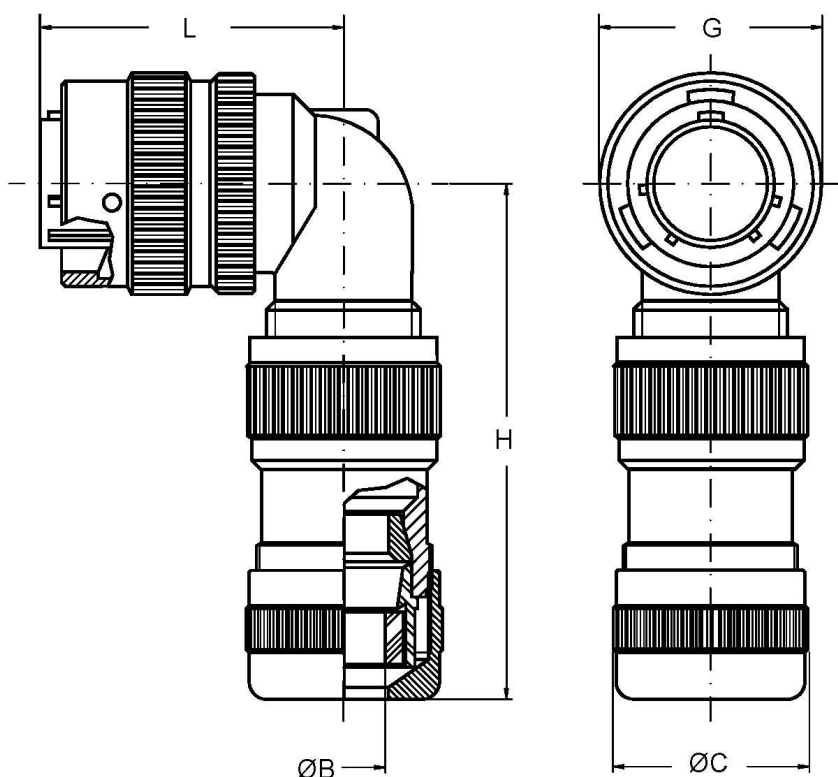


Shell size	P.N. PHM	B min. ÷ Max.	C Max.	G Max.	H Max.	L ±1
8	11	2÷11	15	19.05	40	32
10	11	2÷11	21	21.80	40	32
12	11	2÷11	24	26.20	43	35
14	11	2÷11	24	29.40	46	38
16	11	2÷11	24	32.55	53	41
18	11 / 18	2÷11 / 9÷16.5	42	35.35	53	44
20	18	9÷16.5	42	38.90	53	48
22	18	9÷16.5	42	42.10	56	51
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42	45.10	56	56

Plug with 90° backshell and PHM cable clamp .
The PHM cable clamp assures an excellent mechanical and waterproof sealing if used with the correct neoprene sealing sleeves .
No grommet supplied .

90° plug

CPT08A...PHM__EMI



Shell size	P.N. PHM	B min. ÷ Max.	C Max.	G Max.	H Max.	L ±1
8	11	2÷11	15	19.05	60	32
10	11	2÷11	21	21.80	60	32
12	11	2÷11	24	26.20	63	35
14	11	2÷11	24	29.40	66	38
16	11	2÷11	24	32.55	73	41
18	11 / 18	2÷11 / 9÷16.5	42	35.35	73	44
20	18	9÷16.5	42	38.90	73	48
22	18	9÷16.5	42	42.10	76	51
24	18 / 22 / 24	9÷16.5 / 15÷20 / 19÷24	42	45.10	76	56

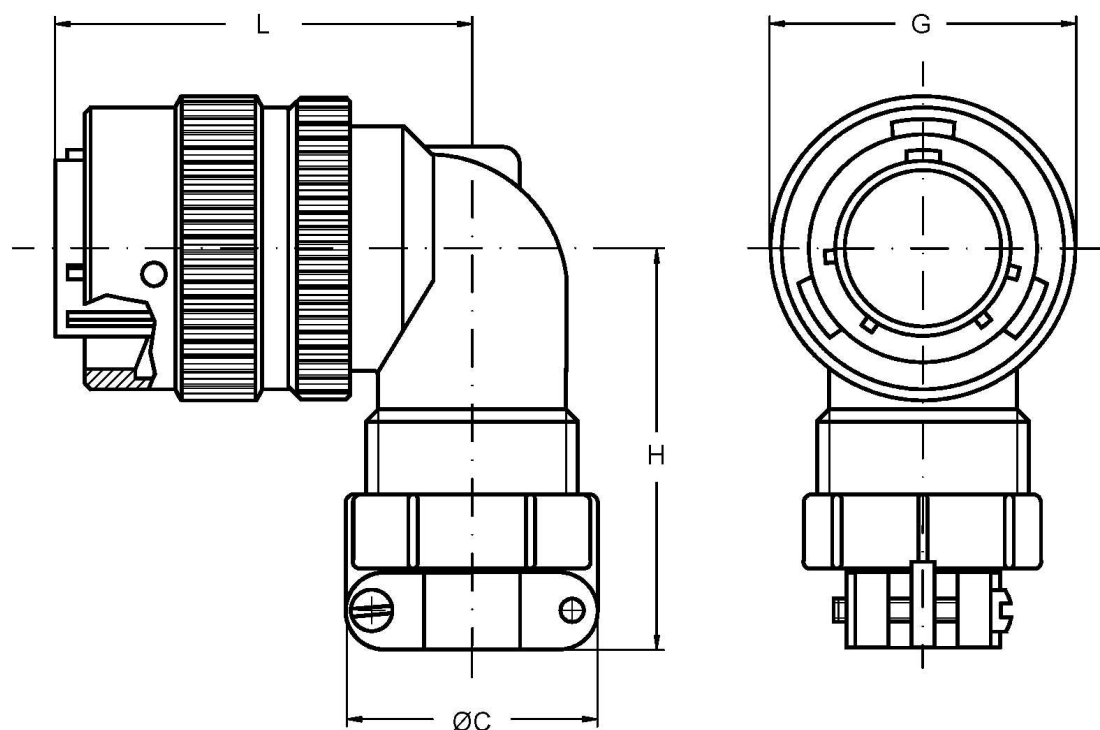
Plug with 90° backshell and PHM cable clamp .

The PHM cable clamp assures an excellent mechanical and waterproof sealing if used with the correct neoprene sealing sleeves .

No grommet supplied .

90° plug

CPT08EM

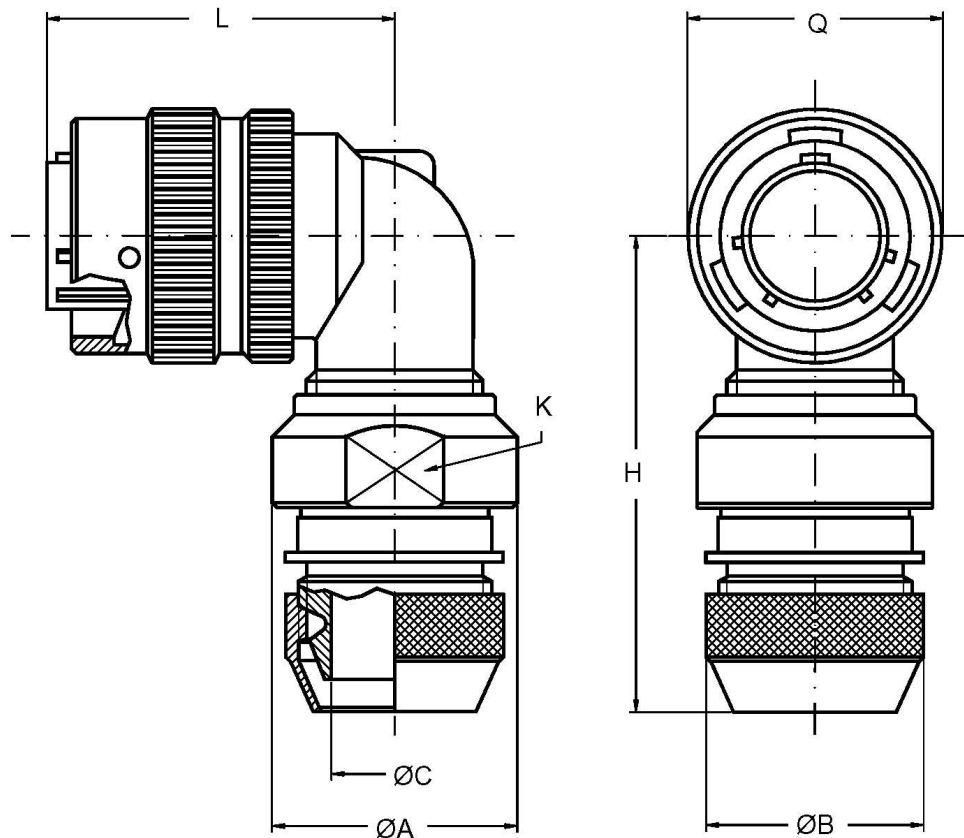


	C	G	H	L
Shell size	Max.	Max.	± 1	± 1
8	17.5	19.05	37	32
10	22.0	21.80	37	32
12	27.0	26.20	40	35
14	28.0	29.40	43	38
16	33.0	32.55	50	41
18	35.0	35.35	50	44
20	35.0	38.90	50	48
22	43.0	42.10	53	51
24	43.0	45.10	53	56

Plug with 90° backshell , sealing grommet and cable clamp.

90° plug

CPT08M
CPTG08M



Shell size	A Max.	B Max.	C min.	H Max.	K key	L Max	Q Max.
8	19.80	16.3	6.70	55	18	52.0	19.05
10	22.50	18.4	9.30	60	21	52.0	21.80
12	26.90	22.4	12.25	63	24	52.0	26.20
14	29.90	25.4	15.40	65	28	53.0	29.40
16	32.85	28.4	18.50	67	31	53.0	32.55
18	35.80	32.4	20.20	69	34	53.0	35.35
20	39.60	34.4	23.20	71	37	57.0	38.90
22	42.90	38.4	26.05	73	41	57.0	42.10
24	45.90	41.3	30.00	76	44	58.5	45.10

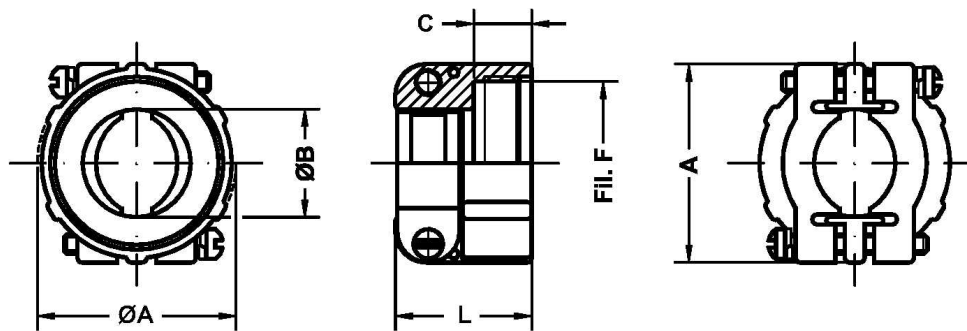
Plug with 90° backshell for terminating shielded cable.

Suitable for heat shrink boots.

Can be ordered with grounding fingers with Pt.No. CPTG08M .

Cable clamp

CM3057-XXA

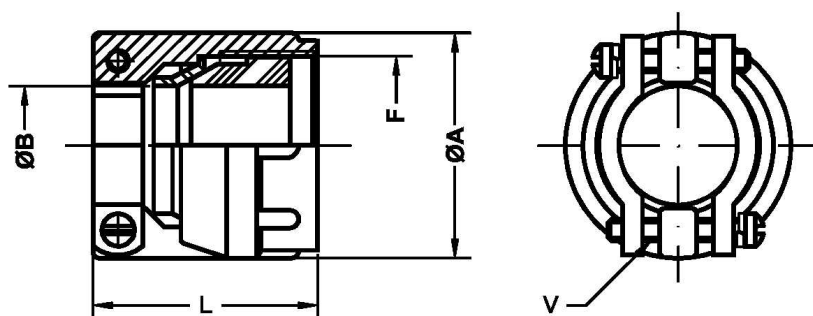


Contact P/N	Connector size	Sleeve to use	A	B	C	F thread	L
CM3057 - 3A	8	CM3420 - 3	18	6.8	10.2	0.5000 - 28UNEF	20.6
CM3057 - 4A	10	CM3420 - 4	25	8.2	10.2	0.6250 - 24UNEF	21.0
CM3057 - 6A	12	CM3420 - 6	27	11.2	10.2	0.7500 - 20UNEF	22.2
CM3057 - 8A	14	CM3420 - 8	28	14.2	10.2	0.8750 - 20UNEF	24.0
CM3057 - 10A	16	CM3420 - 10	33	16.0	10.2	1.0000 - 20UNEF	28.5
CM3057 - 12A	18	CM3420 - 12	35	19.0	10.2	1.1875 - 18NEF	24.0
CM3057 - 12A	20	CM3420 - 12	35	19.0	10.2	1.1875 - 18NEF	24.0
CM3057 - 16A	22	CM3420 - 16	43	23.8	10.5	1.4375 - 18NEF	26.0
CM3057 - 16A	24	CM3420 - 16	43	23.8	10.5	1.4375 - 18NEF	26.0

General duty cable clamp suitable for jacketed cable or wires protected by tubing.

Cable clamp

CM3057-XXC



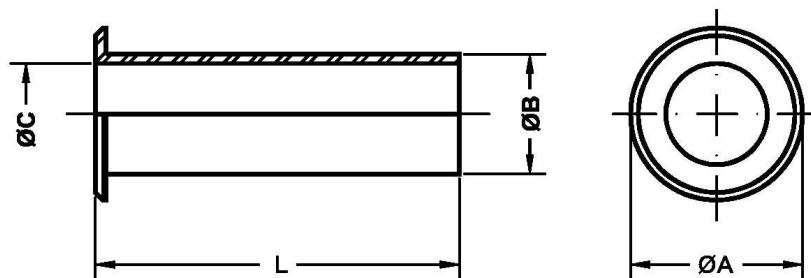
Contact P/N	Conn. size	Sleeve to use	A	B		F thread	L	V thread
				min.	Max.			
CM3057 - 3C	8	CM3420 - 3A	20.0	0.68	5.56	0.5000 - 28UNEF	33.2	6 - 32 NC
CM3057 - 4C	10	CM3420 - 4A	22.6	2.38	7.93	0.6250 - 24UNEF	32.3	6 - 32 NC
CM3057 - 6C	12	CM3420 - 4A / 6A	25.8	5.84	11.12	0.7500 - 20UNEF	32.3	6 - 32 NC
CM3057 - 8C	14	CM3420 - 6A / 8A	28.1	8.00	13.84	0.8750 - 20UNEF	32.3	6 - 32 NC
CM3057 - 10C	16	CM3420 - 6A / 10A	31.0	9.60	15.87	1.0000 - 20UNEF	35.3	6 - 32 NC
CM3057 - 12C	18	CM3420 - 8A / 12A	37.3	11.30	19.00	1.1875 - 18NEF	35.7	8 - 32 NC
CM3057 - 12C	20	CM3420 - 8A / 12A	37.3	11.30	19.00	1.1875 - 18NEF	35.7	8 - 32 NC
CM3057 - 16C	22	CM3420 - 8A / 12A / 16A	42.0	15.50	23.80	1.4375 - 18NEF	38.5	8 - 32 NC
CM3057 - 16C	24	CM3420 - 8A / 12A / 16A	42.0	15.50	23.80	1.4375 - 18NEF	38.5	8 - 32 NC

Waterproof cable clamp suitable for jacketed cable or wires protected by tubing. Assures watertight integrity of connector.

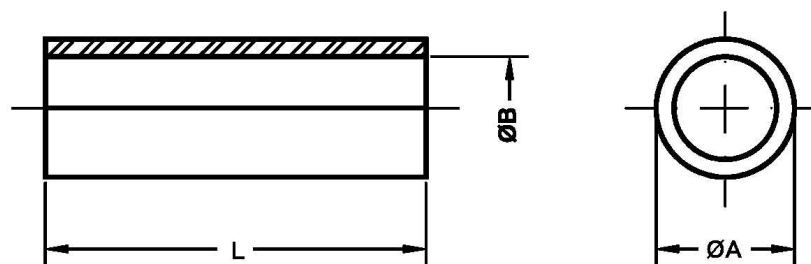
Neoprene sleeve

CM 3420 - XX

CM 3420 - XXA



Contact P/N	A ±0.1	B ±0.1	C ±0.1	L ±0.1
CM3420 - 3	9.5	5.33	3.30	73.0
CM3420 - 4	12.8	7.67	5.58	69.8
CM3420 - 6	15.7	10.84	7.92	66.8
CM3420 - 8	18.8	14.02	11.09	63.5
CM3420 - 10	22.0	15.62	14.27	60.3
CM3420 - 12	27.0	18.79	15.87	57.1
CM3420 - 16	33.3	23.54	19.05	53.9



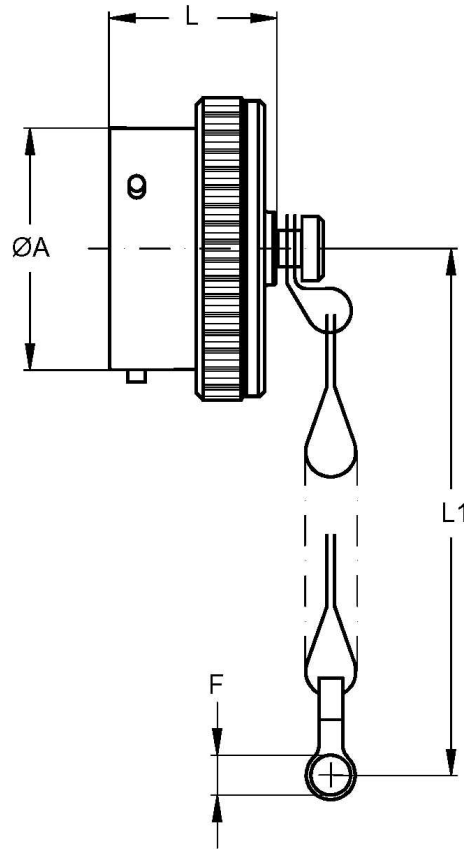
Contact P/N	A ±0.1	B ±0.1	L ±0.1
CM3420 - 3A	5.30	2.90	50.5
CM3420 - 4A	7.63	5.56	50.5
CM3420 - 6A	10.50	7.93	50.5
CM3420 - 8A	13.50	11.10	50.5
CM3420 - 10A	15.70	11.10	50.5
CM3420 - 12A	18.50	13.74	50.9
CM3420 - 16A	23.60	19.00	50.9

CM3420-XX : Neoprene sleeve for protection and reduction , used with class A cable clamps .

CM3420-XXA : Neoprene sleeve for protection and reduction , used with class C cable clamps .

Protective caps for plugs

CPT3180-XXC

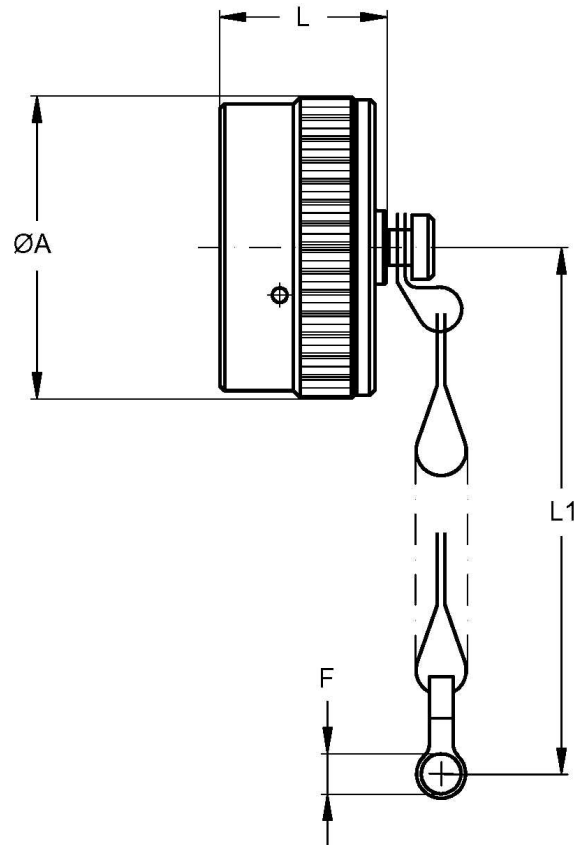


P/N	Shell size	A + 0.02 -0.12	F + 0.2 0	L + 0.6 -0.4	L1 min.
CPT3180- 8C	8	12.01	4.3	13.5	76.2
CPT3180-10C	10	14.98	4.3	13.5	76.2
CPT3180-12C	12	19.05	4.3	13.5	88.9
CPT3180-14C	14	22.22	4.3	13.5	88.9
CPT3180-16C	16	25.40	4.3	13.5	88.9
CPT3180-18C	18	28.57	4.3	13.5	88.9
CPT3180-20C	20	31.75	4.3	15.1	101.6
CPT3180-22C	22	34.92	4.3	15.1	101.6
CPT3180-24C	24	38.10	4.3	15.9	101.6

Metal caps and stainless steel chains for plugs.

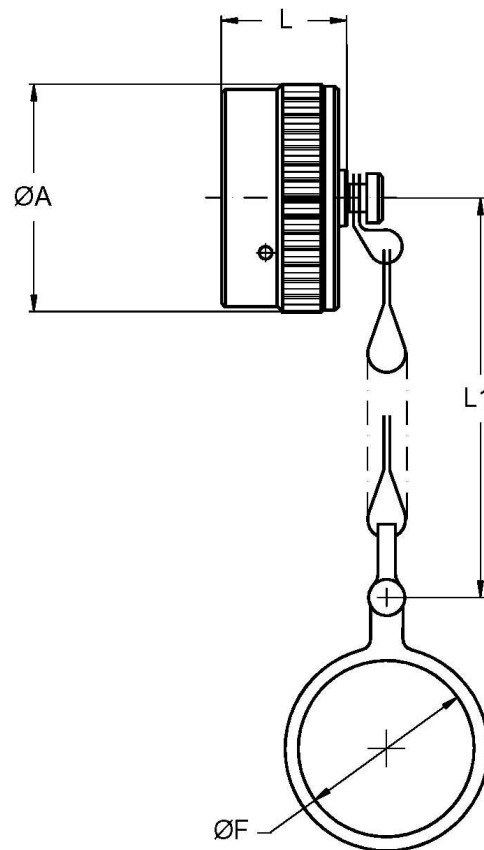
Protective caps for receptacles

CPT3181-XXC



P/N	Shell size	A Max.	F + 0.2 -0	L + 0.5 -0	L1 min.
CPT3181- 8C	8	17.95	4.3	14.50	76.2
CPT3181-10C	10	20.70	4.3	14.50	76.2
CPT3181-12C	12	25.40	4.3	14.50	88.9
CPT3181-14C	14	28.65	4.3	14.50	88.9
CPT3181-16C	16	31.90	4.3	14.50	88.9
CPT3181-18C	18	34.70	4.3	14.50	88.9
CPT3181-20C	20	38.00	4.3	14.50	101.6
CPT3181-22C	22	41.25	4.3	14.50	101.6
CPT3181-24C	24	44.40	4.3	15.55	101.6

Metal caps and stainless steel chains for receptacles.

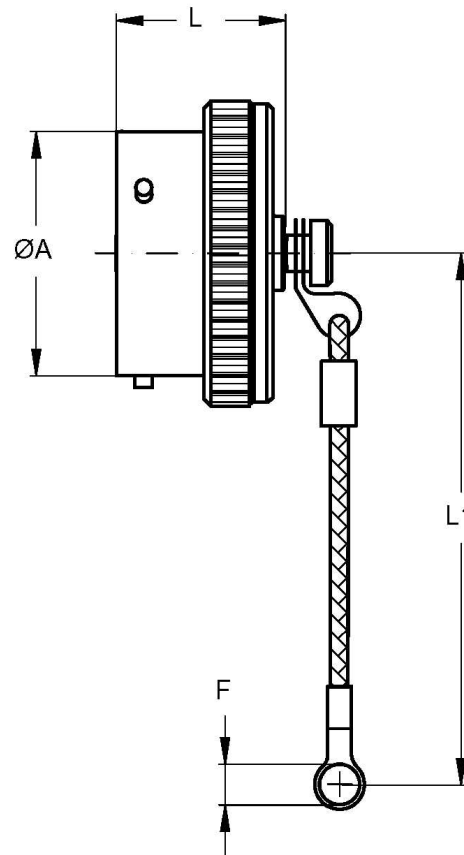
**Protective caps for receptacles****CPT3181-XXN**

P/N	Shell size	A Max.	F +0.2 -0.1	L +0.25 -0	L1 ±3
CPT3181- 8N	8	17.95	14.70	14.50	76.2
CPT3181-10N	10	20.70	17.85	14.50	76.2
CPT3181-12N	12	25.40	22.65	14.50	88.9
CPT3181-14N	14	28.65	25.80	14.50	88.9
CPT3181-16N	16	31.90	29.00	14.50	88.9
CPT3181-18N	18	34.70	32.15	14.50	88.9
CPT3181-20N	20	38.00	35.35	14.50	101.6
CPT3181-22N	22	41.25	38.50	14.50	101.6
CPT3181-24N	24	44.40	41.00	15.55	101.6

Metal caps and stainless steel chains for receptacles.

Protective caps for plugs

CPT3180-XXCF

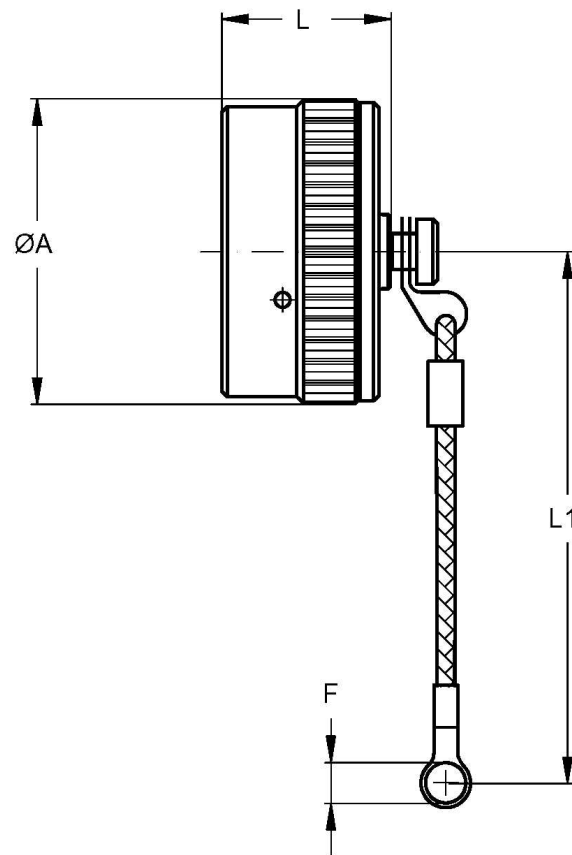


P/N	Shell size	A + 0.02 -0.12	F + 0.2 0	L + 0.6 -0.4	L1 min.
CPT3180- 8CF	8	12.01	4.3	13.5	76.2
CPT3180-10CF	10	14.98	4.3	13.5	76.2
CPT3180-12CF	12	19.05	4.3	13.5	88.9
CPT3180-14CF	14	22.22	4.3	13.5	88.9
CPT3180-16CF	16	25.40	4.3	13.5	88.9
CPT3180-18CF	18	28.57	4.3	13.5	88.9
CPT3180-20CF	20	31.75	4.3	15.1	101.6
CPT3180-22CF	22	34.92	4.3	15.1	101.6
CPT3180-24CF	24	38.10	4.3	15.9	101.6

Metal caps and nylon cord for plugs.

Protective caps for receptacles

CPT3181-XXCF



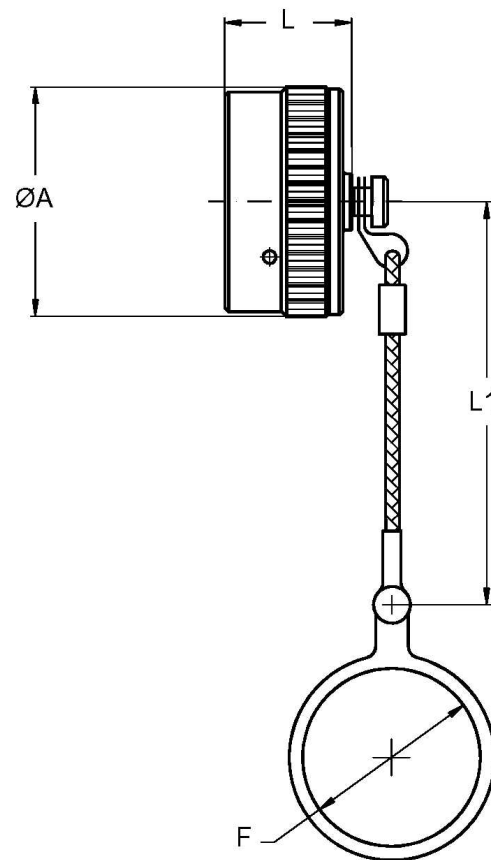
P/N	Shell size	A Max.	F + 0.2 -0	L + 0.5 -0	L1 min.
CPT3181- 8CF	8	17.95	4.3	14.50	76.2
CPT3181-10CF	10	20.70	4.3	14.50	76.2
CPT3181-12CF	12	25.40	4.3	14.50	88.9
CPT3181-14CF	14	28.65	4.3	14.50	88.9
CPT3181-16CF	16	31.90	4.3	14.50	88.9
CPT3181-18CF	18	34.70	4.3	14.50	88.9
CPT3181-20CF	20	38.00	4.3	14.50	101.6
CPT3181-22CF	22	41.25	4.3	14.50	101.6
CPT3181-24CF	24	44.40	4.3	15.55	101.6

Metal caps and nylon cord for flange mounting receptacles.



Protective caps for receptacles

CPT3181-XXNF



P/N	Shell size	A Max.	F + 0.2 -0.1	L + 0.25 -0	L1 ± 3
CPT3181- 8NF	8	17.95	14.70	14.50	76.2
CPT3181-10NF	10	20.70	17.85	14.50	76.2
CPT3181-12NF	12	25.40	22.65	14.50	88.9
CPT3181-14NF	14	28.65	25.80	14.50	88.9
CPT3181-16NF	16	31.90	29.00	14.50	88.9
CPT3181-18NF	18	34.70	32.15	14.50	88.9
CPT3181-20NF	20	38.00	35.35	14.50	101.6
CPT3181-22NF	22	41.25	38.50	14.50	101.6
CPT3181-24NF	24	44.40	41.00	15.55	101.6

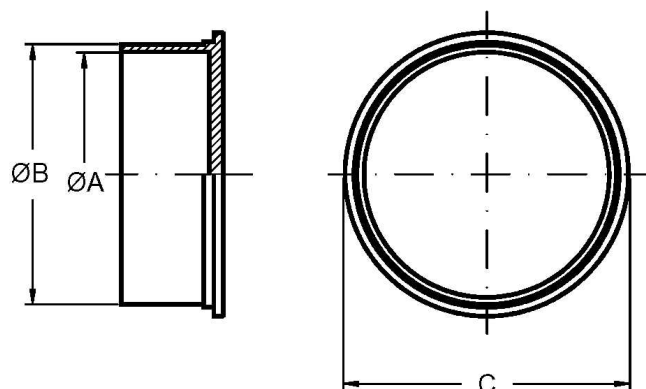
Metal caps and nylon cord for single hole mounting receptacles.



Protective plastic caps

CM 90376-XX R

CM 90376-XX Y



P/N	Shell size	A ±0.25	B ±0.25	C ±0.78
CM 90376- 8R	Receptacle 8	12.19	13.71	18.79
CM 90376-10R	Receptacle 10	15.36	16.89	21.33
CM 90376-14Y	Receptacle 12	18.28	19.68	24.63
CM 90376-16Y	Receptacle 14	21.59	22.98	28.57
CM 90376-18Y	Receptacle 16	24.71	26.28	30.98
CM 90376-20Y	Peceptacle 18	27.76	29.33	33.78
CM 90376-22Y	Peceptacle 20	31.26	33.04	37.21
CM 90376-24Y	Receptacle 22	34.03	35.81	40.38
CM 90376-24R	Receptacle 24	37.16	38.93	43.18

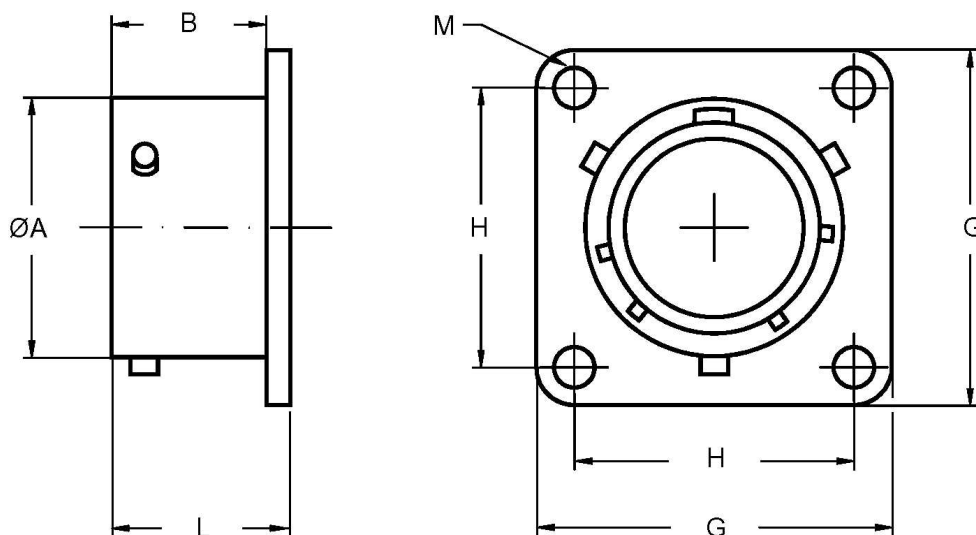
P/N	Shell size	A ±0.25	B ±0.25	C ±0.78
CM 90376- 8Y	Plug 8	10.49	12.26	17.01
CM 90376- 8R	Plug 10	13.46	15.11	19.05
CM 90376-12Y	Plug 12	16.63	18.16	21.84
CM 90376-12R	Plug 14	19.93	21.46	26.18
CM 90376-16Y	Plug 16	22.68	24.46	28.57
CM 90376-16R	Plug 18	26.11	27.63	31.75
CM 90376-18R	Plug 20	29.21	30.86	35.71
CM 90376-20R	Plug 22	32.25	34.03	38.10
CM 90376-22R	Plug 24	35.30	37.08	41.65

Plastic caps for protection against dust and limited damage .

Dummy receptacle

CPT3115-XX

CPT3115A-XX



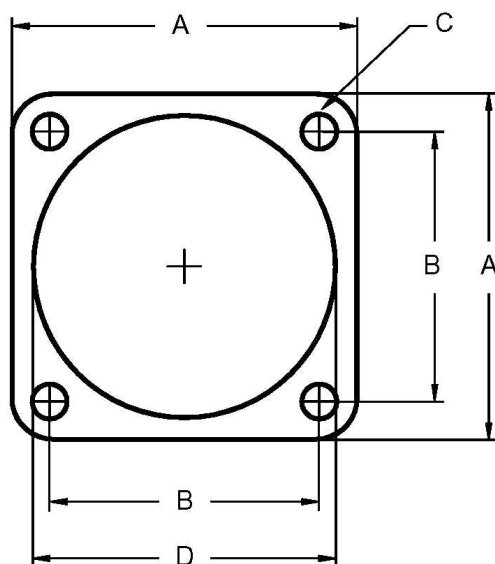
Shell size	A +0.02 -0.12	B +0.25 -0	G ±0.4	H ±0.1	L +0.6 -0.25	M ±0.12
8	12.01	10.95	20.6	15.10	12.5	3.04
10	14.98	10.95	23.8	18.25	12.5	3.04
12	19.05	10.95	26.2	20.60	12.5	3.04
14	22.22	10.95	28.6	23.00	12.5	3.04
16	25.40	10.95	31.0	24.60	12.5	3.04
18	28.57	10.95	33.3	27.00	12.5	3.04
20	31.75	14.10	36.5	29.35	16.5	3.04
22	34.92	14.10	39.7	31.75	16.5	3.04
24	38.10	15.00	42.9	39.40	17.3	3.73

CPT3115-XX : Dummy receptacle with rear base and seal . Conforms to MIL-C-26482 .

CPT3115A-XX : Dummy receptacle without rear base and seal .

Flange mounting gasket

CPT 10-101949-XX

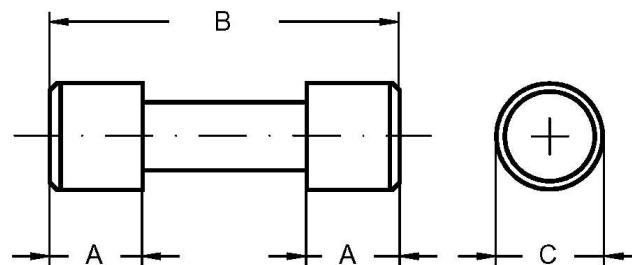


P/N	Shell size	A ± 0.5	B ± 1	C ± 0.7	D ± 0.5
CPT 10-101949- 8	8	20.6	15.10	3.3	12.7
CPT 10-101949-10	10	23.8	18.25	3.3	15.9
CPT 10-101949-12	12	26.2	20.60	3.3	19.1
CPT 10-101949-14	14	28.6	23.00	3.3	22.3
CPT 10-101949-16	16	31.0	24.60	3.3	25.5
CPT 10-101949-18	18	33.3	27.00	3.3	28.6
CPT 10-101949-20	20	36.5	29.35	3.3	31.8
CPT 10-101949-22	22	39.7	31.75	3.3	35.0
CPT 10-101949-24	24	42.9	34.90	4.0	38.2

Flange mounting neoprene gasket for box mounting receptacles. Shielded versions are available upon request.

Grommet sealing plugs

CPT 10-101033

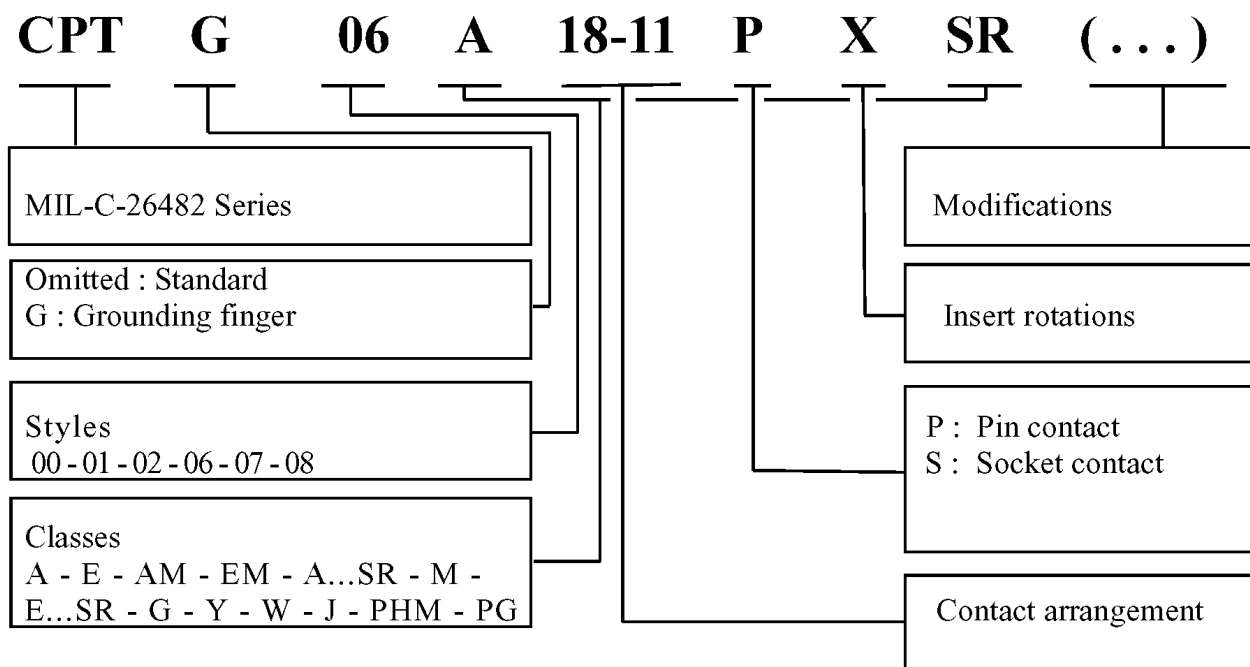


P/N	Hole size	A ±0.13	B ±0.25	C ±0.13	Colour
CPT 10-101033-11	20	2.92	9.53	2.92	Red
CPT 10-101033-12	16	3.17	11.91	3.68	Blue

Plastic grommet sealing plugs for use in empty grommet thru holes.



How to order



Modifications

Contacts

Omitted for standard version (solder contacts)
C Connector with crimp contacts

Shells

Omitted for standard version
N Connector with nickel plating
P Connector with cationic electro deposition plating
G Connector with Cadmium free plating

Assembly with accessories

Omitted for standard version (. . .)
N0 Connector less backshell
NXXX = Suffix to identify a custom designed connector

Notes

Notes