



CRB CPE RECTANGULAR BACKSHELL



Table of Contents

COMPANY HISTORY AND NEW TARGETS	2
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PRODUCT INFORMATION	6
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CRB SERIES CMH

MICRO-HOOD

TOP ENTRY	7
45° ENTRY	8
SIDE ENTRY	9
DUAL 45°	10
DUAL TOP ENTRY	11
ELLIPTICAL TOP ENTRY	12
ELLIPTICAL SIDE ENTRY	13
ELLIPTICAL 45° ENTRY	14
ELLIPTICAL TOP ENTRY	15
SPLIT TOP ENTRY	16

CRB SERIES CNH

NANO HOOD

Restyling in progress; a new edition of the end of october	18
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CRB SERIES C7H

HOOD FOR MICRO CRIMP CONNECTORS

STANDARD TOP ENTRY	21
STANDARD SIDE ENTRY	22
LOW PROFILE TOP ENTRY	23
LOW PROFILE SIDE ENTRY	24
FOR PANEL MOUNT SIDE ENTRY	25
FOR PANEL MOUNT TOP ENTRY	26
FOR PANEL MOUNT 45° ENTRY	27

CRB SERIES C2H

HOOD FOR HIGH PERFORMANCE M24308

LOW PROFILE TOP ENTRY	31
LOW PROFILE SIDE ENTRY	32
ONE-PIECE TOP ENTRY	33
ONE-PIECE SIDE ENTRY	34
ONE-PIECE 45° ENTRY	35

FINISHES	36
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Company History and new Targets

CPE is a family company founded in 1978 and established in Milan, Italy.

The business started as a trading company of connectors and cables, addressing defense and telecommunication.

After a few years of activity, moving from a trading to a manufacturing company was an organic and natural progression, thus pursuing high specialization in harness assembly and connector production. Since the spirit of CPE ITALIA has always been and always will be to assist the "client ally", constant growth was sustained by the founder of the company by opening new production sites all over the world. CPE ITALIA is now a Group of about 400 people with production facilities in Brazil, China, Italy, Mexico, Romania, branch offices in North America and India, headquarters in Milan.

With profound knowledge of and years of experience in multiple sectors like Defense, Broadcasting, Communication Infrastructure, Medical, Transportation, Nuclear, Oceanographic Installations, CPE supports its client-focused ideology with the development of solutions tailored to each client's needs.



We like to imagine our behavior and capability results similar to these of the well known
"Tricolor Arrows" pilot team:

attentive to the rules	→	guidelines, organization and discipline
total security as top priority	→	quality
amaze and engage	→	Innovation and results that exceed customer expectations

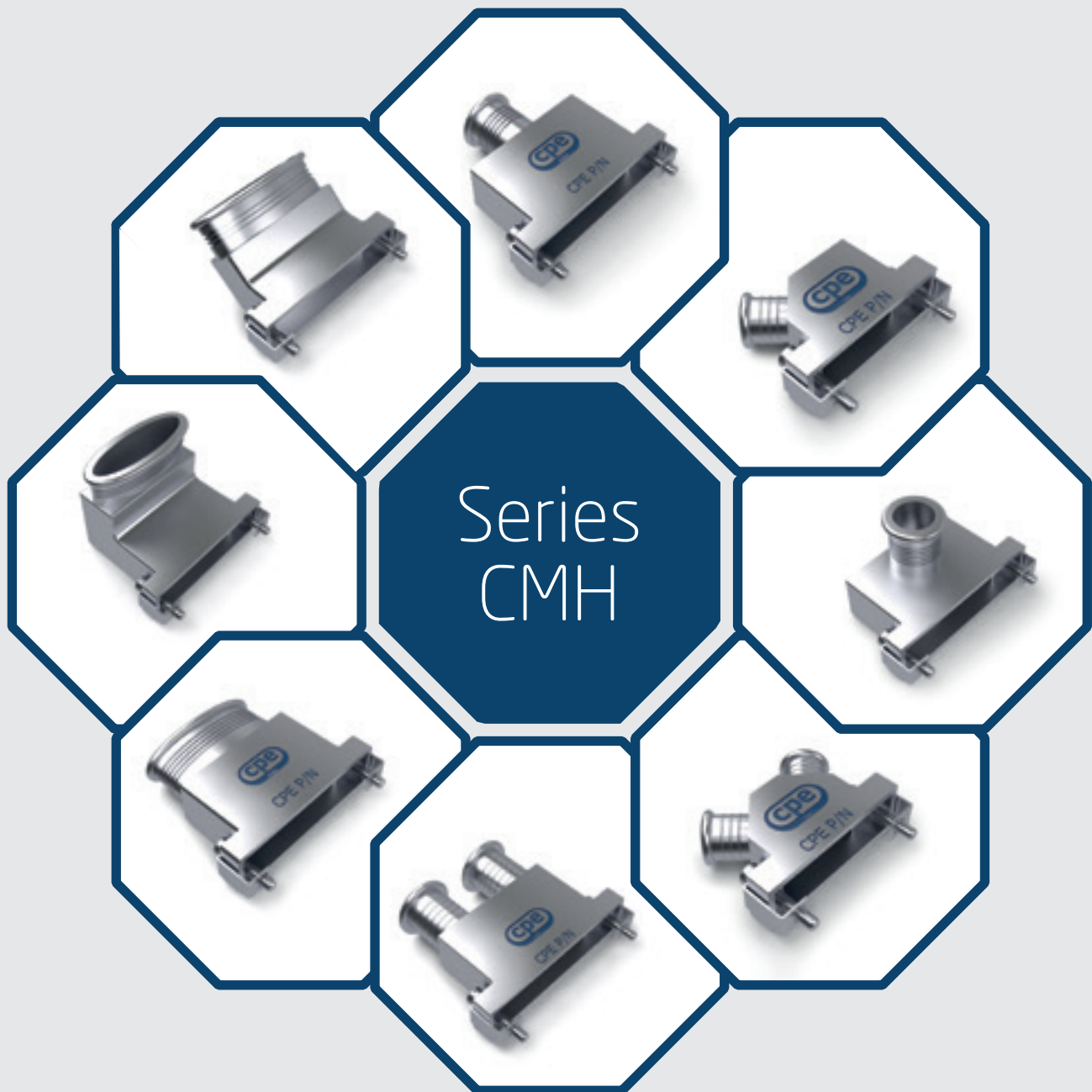


40 YEARS

INSIDE CONNECTIVITY MARKET







Backshell & accessory designed for both Mil-Dtl-83513 and CPE COTS Micro-miniature Connector applications

TABLE OF CONTENTS:

TOP ENTRY	7	ELLIPTICAL TOP ENTRY	12
45° ENTRY	8	ELLIPTICAL SIDE ENTRY	13
SIDE ENTRY	9	ELLIPTICAL 45° ENTRY	14
DUAL 45°	10	ELLIPTICAL TOP ENTRY	15
DUAL TOP ENTRY	11	SPLIT TOP ENTRY	16

Series CMH

THE PART NUMBER KEY

CPE KEY CODE															
SERIES															
2	TOP ENTRY	A													
	45° ENTRY	B													
	SIDE ENTRY	C													
	DUAL 45°	D													
	DUAL TOP ENTRY	E													
	ELLIPTICAL TOP ENTRY	F													
	ELLIPTICAL SIDE ENTRY	G													
	ELLIPTICAL 45° ENTRY	H													
	ELLIPTICAL TOP ENTRY	J													
	SPLIT TOP ENTRY	L													
SHELL FINISH															
3	ELECTROLESS NICKEL	EN													
	CADMIUM OLIVE DRAB	CO													
	HIGH PHOSPHORUS NICKEL 500H	PN													
	GOLD	GD													
	STAINLESS STEEL	SS													
	BLAC ZINC NICHEL	BN													
CONNECTOR SIZE															
4	N° 9 CONTACT	0009													
	N° 15 CONTACT	0015													
	N° 21 CONTACT	0021													
	N° 25 CONTACT	0025													
	N° 31 CONTACT	0031													
	N° 37 CONTACT	0037													
	N° 51 CONTACT	0051													
	N° 51-2 CONTACT	51-2													
	N° 67 CONTACT	0067													
	N° 69 CONTACT	0069													
	N° 100 CONTACT	0100													
HARDWARE OPTION															
5	FILLISTER HEAD SCREW	F													
	HEX HEAD JACKSCREW	H													
	EXTENDED JACKSCREW (NOT FOR 45° ENTRY)	E													
	JACKPOST FEMALE	J													
6		-													
CABLE ENTRY															
7	SEE TABLE	A													
		B													
		C													
		D													
		E													
		F													
		G													
		H													
		I													

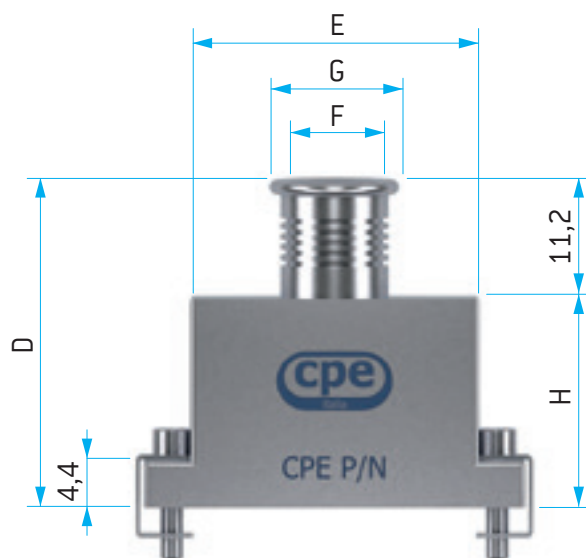
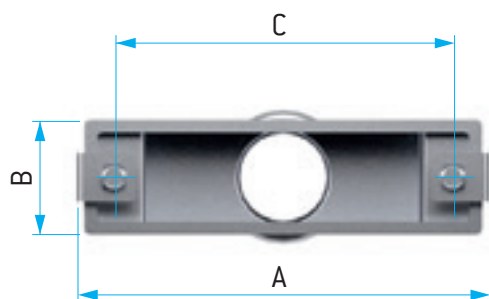
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1	2	3	4	5	6	7	8	9	10	11	12	13
CMH			X	XX		XXXX				X	-	X

Series CMH - Top Entry

Type A

1			2	3		4				5	6	7
1	2	3	4	5	6	7	8	9	10	11	12	13
CMH			A	XX		XXXX				X	-	X

Size	A Max		B Max		C		D Max		E Max		H Max	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
9	.775	19.69	.370	9.40	.565	14.35	.780	19.81	.410	10.41	.350	8.89
15	.925	23.50	.370	9.40	.715	18.16	.910	23.11	.580	14.73	.470	11.94
21	1.075	27.31	.370	9.40	.865	21.97	1.031	26.2	.704	17.9	.509	15
25	1.175	29.85	.370	9.40	.965	24.51	1.090	27.69	.807	20.5	.649	16.50
31	1.325	33.66	.370	9.40	1.115	28.32	1.150	29.21	.980	24.89	.710	18.03
37	1.475	37.47	.370	9.40	1.265	32.13	1.190	30.23	1.130	28.70	.750	19.05
51	1.425	36.20	.410	1.41	1.215	30.86	1.220	30.99	1.080	27.43	.780	19.81
51-2	1.835	46.61	.370	9.40	1.615	41.02	1.220	30.99	1.510	38.35	.780	19.81
67	2.310	58.67	.370	9.40	2.015	51.18	1.220	30.99	1.880	47.75	.780	19.81
69	1.730	43.94	.410	10.41	1.515	38.48	1.220	30.99	1.380	35.05	.780	19.81
100	2.160	54.86	.460	11.68	1.800	45.72	1.280	32.51	1.470	37.34	.840	21.34



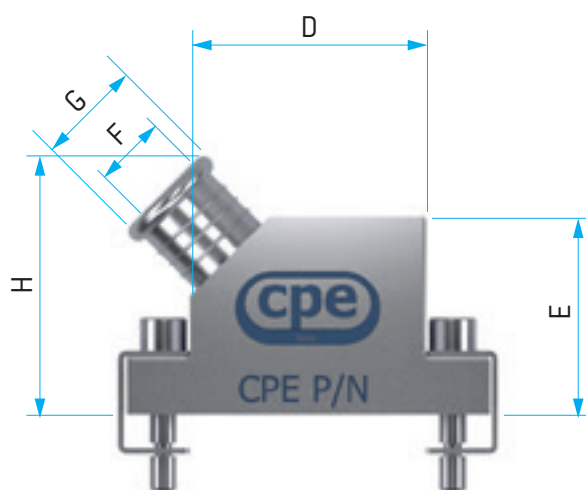
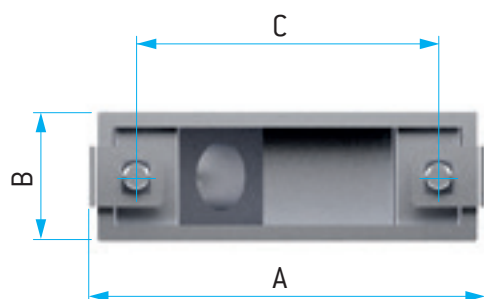
Cable Entry Sizes				
Cable Entry Code	F		G	
	In ±0.10	mm ±0.25	In	mm
A	.125	3.18	.281	7.14
B	.156	3.96	.312	7.92
C	.188	4.78	.344	8.74
D	.219	5.56	.375	9.53
E	.250	6.35	.406	10.31
F	.281	7.14	.437	11.10
G	.312	7.92	.469	11.91
H	.344	8.74	.500	12.70
I	.375	9.5	.546	13.49

Series CMH - 45° Entry

Type B

1			2			3			4				5	6	7
1	2	3	4	5	6	7	8	9	10	11	12	13			
CMH			B			XX			XXXX				X	-	X

Size	A Max		B Max		C		D Max		E Max		H Max	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
9	.775	19.69	.370	9.40	.565	14.35	.410	10.41	.680	17.27	1.000	25.40
15	.925	23.50	.370	9.40	.715	18.16	.580	14.73	.730	18.54	1.030	26.16
21	1.075	27.31	.370	9.40	.865	21.97	.704	17.9	.765	19.43	1.050	26.67
25	1.175	29.85	.370	9.40	.965	24.51	.807	20.5	.830	21.08	1.090	27.69
31	1.325	33.66	.370	9.40	1.115	28.32	.980	24.89	.890	22.61	1.130	28.70
37	1.475	37.47	.370	9.40	1.265	32.13	1.130	28.70	.995	24.26	1.230	31.24
51	1.425	36.20	.410	1.41	1.215	30.86	1.080	27.43	1.005	25.53	1.250	31.75
51-2	1.835	46.61	.370	9.40	1.615	41.02	1.510	38.35	1.005	25.53	1.250	31.75
67	2.310	58.67	.370	9.40	2.015	51.18	1.880	47.75	1.005	25.53	1.250	31.75
69	1.730	43.94	.410	10.41	1.515	38.48	1.380	35.05	1.005	25.53	1.250	31.75
100	2.160	54.86	.460	11.68	1.800	45.72	1.470	37.34	1.080	27.43	1.320	33.53



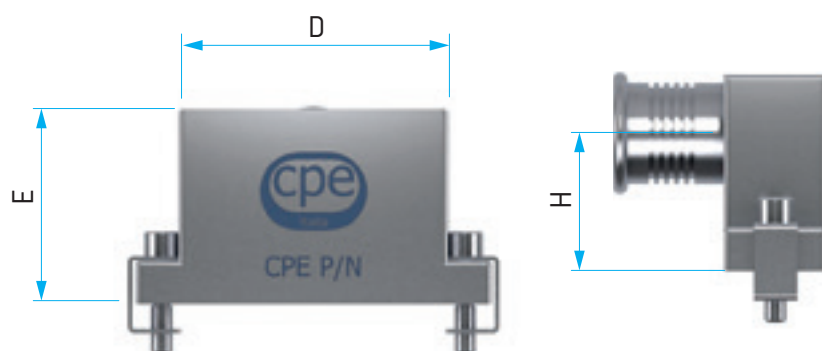
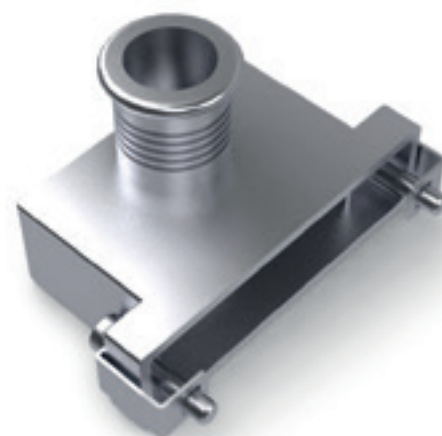
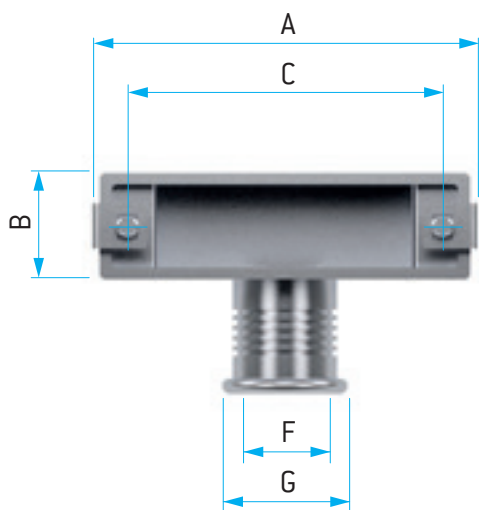
Cable Entry Sizes				
Cable Entry Code	F		G	
	In ±0.10	mm ±0.25	In	mm
A	.125	3.18	.281	7.14
B	.156	3.96	.312	7.92
C	.188	4.78	.344	8.74
D	.219	5.56	.375	9.53
E	.250	6.35	.406	10.31
F	.281	7.14	.437	11.10
G	.312	7.92	.469	11.91
H	.344	8.74	.500	12.70
I	.375	9.5	.546	13.49

Series CMH - Side Entry

Type c

1			2	3	4					5	6	7
1	2	3	4	5	6	7	8	9	10	11	12	13
CMH			C	XX		XXXX				X	-	X

Size	A Max		B Max		C		D Max		E Max		H Max	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
9	.775	19.69	.370	9.40	.565	14.35	.410	10.41	.680	17.27	1.000	25.40
15	.925	23.50	.370	9.40	.715	18.16	.580	14.73	.730	18.54	1.030	26.16
21	1.075	27.31	.370	9.40	.865	21.97	.704	17.9	.765	19.43	1.050	26.67
25	1.175	29.85	.370	9.40	.965	24.51	.807	20.5	.830	21.08	1.090	27.69
31	1.325	33.66	.370	9.40	1.115	28.32	.980	24.89	.890	22.61	1.130	28.70
37	1.475	37.47	.370	9.40	1.265	32.13	1.130	28.70	.995	24.26	1.230	31.24
51	1.425	36.20	.410	1.41	1.215	30.86	1.080	27.43	1.005	25.53	1.250	31.75
51-2	1.835	46.61	.370	9.40	1.615	41.02	1.510	38.35	1.005	25.53	1.250	31.75
67	2.310	58.67	.370	9.40	2.015	51.18	1.880	47.75	1.005	25.53	1.250	31.75
69	1.730	43.94	.410	10.41	1.515	38.48	1.380	35.05	1.005	25.53	1.250	31.75
100	2.160	54.86	.460	11.68	1.800	45.72	1.470	37.34	1.080	27.43	1.320	33.53



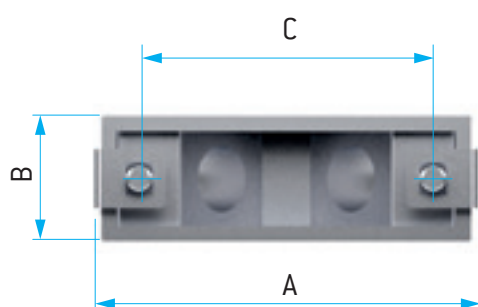
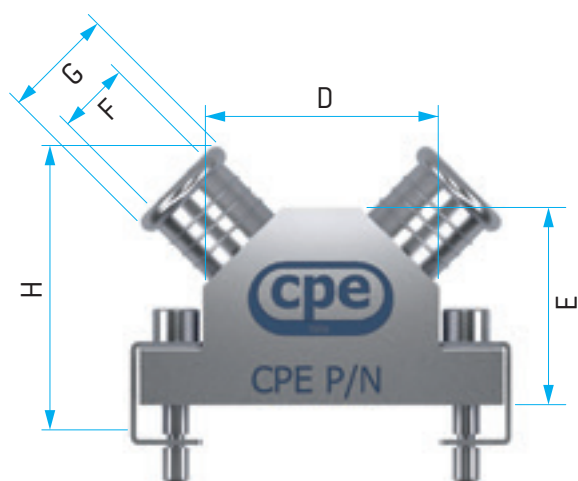
Cable Entry Sizes				
Cable Entry Code	F		G	
	In ±0.10	mm ±0.25	In	mm
A	.125	3.18	.281	7.14
B	.156	3.96	.312	7.92
C	.188	4.78	.344	8.74
D	.219	5.56	.375	9.53
E	.250	6.35	.406	10.31
F	.281	7.14	.437	11.10
G	.312	7.92	.469	11.91
H	.344	8.74	.500	12.70
I	.375	9.5	.546	13.49

Series CMH - Dual 45°

Type D

1			2			3			4				5	6	7
1	2	3	4	5	6	7	8	9	10	11	12	13			
CMH			D			XX			XXXX				X	-	X

Size	A Max		B Max		C		D Max		E		H		K	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
9	.775	16.69	.370	9.40	.565	14.35	.410	10.41	.637	16.18	.435	11.05	1.040	26.42
15	.925	23.50	.370	9.40	.715	18.16	.580	14.73	.637	17.09	.440	11.2	1.170	29.72
21	1.075	27.31	.370	9.40	.865	21.97	.704	17.9	.707	17.95	.458	11.63	1.290	32.77
25	1.175	29.85	.370	9.40	.965	24.51	.807	20.5	.748	19.00	.483	12.27	1.350	34.29
31	1.325	33.66	.370	9.40	1.115	28.32	.980	24.89	.756	12.20	.476	12.09	1.420	36.07
37	1.475	37.47	.370	9.40	1.265	32.13	1.130	28.70	.774	19.66	.478	12.14	1.450	36.83
51	1.425	36.20	.410	10.41	1.215	30.86	1.080	27.43	.859	21.82	.548	13.91	1.480	37.59
51-2	1.835	46.61	.370	9.40	1.615	41.02	1.510	38.35	.859	21.82	.548	13.91	1.480	37.59
67	2.310	58.67	.370	9.40	2.015	51.18	1.880	47.75	.859	21.82	.548	13.91	1.480	37.59
69	1.730	43.94	.410	10.41	1.515	38.48	1.380	35.05	.859	21.82	.548	13.91	1.480	37.59
100	2.160	54.86	.460	11.68	1.800	45.72	1.470	37.34	1.014	25.76	.687	17.45	1.580	40.13



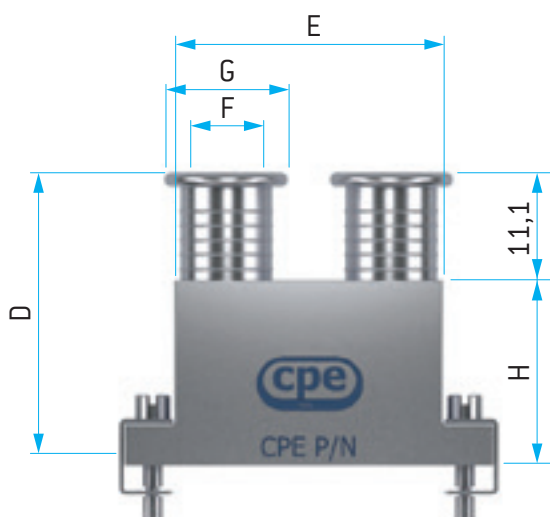
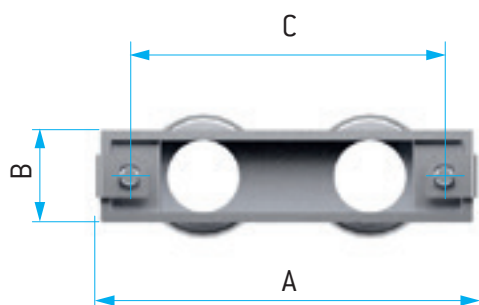
Cable Entry Sizes				
Cable Entry code	F		G	
	In ±0.10	mm ±0.25	In	mm
A	.125	3.18	.281	7.14
B	.156	3.96	.312	7.92
C	.188	4.78	.344	8.74
D	.219	5.56	.375	9.53
E	.250	6.35	.406	10.31
F	.281	7.14	.437	11.10
G	.312	7.92	.469	11.91
H	.344	8.74	.500	12.70
I	.375	9.5	.546	13.49

Series CMH - Dual Top Entry

Type E

1			2	3		4				5
1	2	3	4	5	6	7	8	9	10	11
CMH			E	XX		XXXX				X

Size	A Max		B Max		C		D Max		E Max		H Max	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
21	1.075	27.31	.370	9.40	.865	21.97	1.030	26.16	.749	18.80	.590	14.99
25	1.175	29.85	.370	9.40	.965	24.51	1.090	27.69	.850	21.59	.650	16.51
31	1.325	33.66	.370	9.40	1.115	28.32	1.150	29.21	.980	24.89	.710	18.03
37	1.475	37.47	.370	9.40	1.265	32.13	1.190	30.23	1.130	28.70	.750	19.05
51	1.425	36.20	.410	10.41	1.215	30.86	2.130	54.10	1.080	27.43	.780	19.81
51-2	1.835	46.61	.370	9.40	1.615	41.02	2.130	54.10	1.510	38.35	.780	19.81
67	2.310	58.67	.370	9.40	2.015	51.18	2.130	54.10	1.880	47.75	.780	19.81
69	1.730	43.94	.410	10.41	1.515	38.48	2.130	54.10	1.380	35.05	.780	19.81
100	2.160	54.86	.460	11.68	1.800	45.72	1.280	32.51	1.470	37.34	.840	21.34



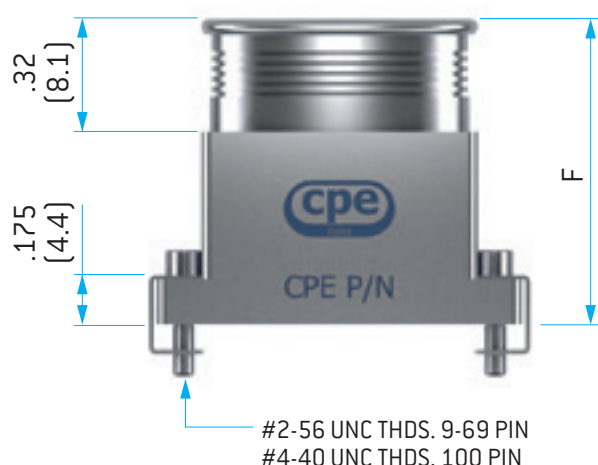
Cable Entry Sizes				
Size	F		G	
	In	mm	In	mm
21	.125	3.18	.281	7.13
25	.188	4.78	.344	8.74
31	.250	6.35	.406	10.31
37	.344	8.74	.500	12.70
51	.312	7.92	.469	11.91
51-2	.281	7.13	.469	11.91
67	.281	7.13	.469	11.91
69	.312	7.93	.469	11.91
100	.500	12.70	.688	17.48

Series CMH - Elliptical Top Entry

Type F

1			2	3		4				5
1	2	3	4	5	6	7	8	9	10	11
CMH			F	XX		XXXX				X

Size	A		B		C		F		G		H Ref.		J Thread
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	
9	.775	19.69	.34	8.64	.75	19.05	.32	8.13	.565	14.35	.154	3.91	2-56 UNC-2A
15	.925	23.50	.34	8.64	.88	22.35	.44	11.18	.715	18.16	.154	3.91	2-56 UNC-2A
21	1.075	27.31	.34	8.64	1.00	25.40	.56	14.22	.865	21.97	.154	3.91	2-56 UNC-2A
25	1.175	29.85	.34	8.64	1.06	26.92	.62	15.75	.965	24.51	.154	3.91	2-56 UNC-2A
31	1.325	33.66	.34	8.64	1.12	28.45	.68	17.27	1.115	28.32	.154	3.91	2-56 UNC-2A
37	1.475	37.47	.34	8.64	1.16	29.46	.72	18.29	1.265	32.13	.154	3.91	2-56 UNC-2A
51	1.425	36.20	.38	9.65	1.19	30.23	.75	19.05	1.215	30.86	.154	3.91	2-56 UNC-2A
51-2	1.835	46.61	.34	8.64	1.19	30.23	.75	19.05	1.615	41.02	.154	3.91	2-56 UNC-2A
69	1.730	43.94	.40	10.16	1.19	30.23	.75	19.05	1.515	38.48	.154	3.91	2-56 UNC-2A
100	2.160	54.86	.43	10.92	1.25	31.75	.81	20.57	1.800	45.72	.184	4.67	4-40 UNC-2A



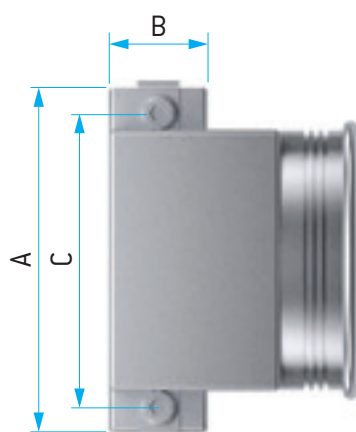
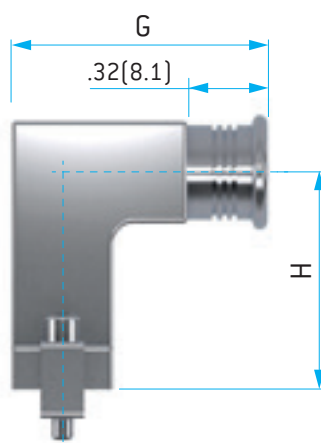
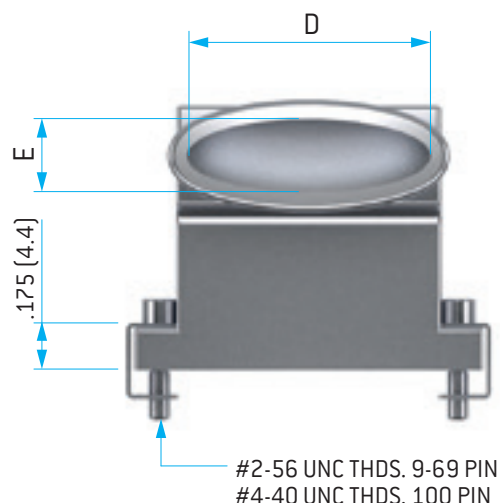
Cable Entry Sizes				
Size	D Dia		E Dia	
	In	mm	In	mm
09	.312	7.92	.281	7.14
15	.420	10.67	.281	7.14
21	.590	14.99	.281	7.14
25	.690	17.53	.281	7.14
31	.820	20.83	.281	7.14
37	.970	24.64	.281	7.14
51	.920	23.37	.312	7.14
51-2	1.030	26.16	.281	7.14
69	1.190	30.23	.312	7.92
100	1.290	32.77	.360	9.14

Series CMH - Elliptical Side Entry

Type G

1			2			3			4				5	6	7
1	2	3	4	5	6	7	8	9	10	11	12	13			
CMH			G			XX			XXXX				X	-	X

Size	A Max		B Max		C		G Max		H Max	
	In	mm	In	mm	In	mm	In	mm	In	mm
9	.775	19.69	.370	9.40	.565	14.35	.970	24.64	.668	16.97
15	.925	23.50	.370	9.40	.715	18.16	.970	24.64	.668	16.97
21	1.075	27.31	.370	9.40	.865	21.97	.970	24.64	.668	16.97
25	1.175	29.85	.370	9.40	.965	24.51	.990	25.15	.678	17.22
31	1.325	33.66	.370	9.40	1.115	28.32	.990	25.15	.678	17.22
37	1.475	37.47	.370	9.40	1.265	32.13	.990	25.15	.678	17.22
51	1.425	36.20	.410	10.41	1.215	30.86	1.030	26.16	.698	17.73
51-2	1.835	46.61	.370	9.40	1.615	41.02	1.030	26.16	.698	17.73
67	2.310	58.67	.370	9.40	2.015	51.18	1.030	26.16	.698	17.73
69	1.730	43.94	.410	10.41	1.515	38.48	1.030	26.16	.698	17.73
100	2.160	54.86	.460	11.68	1.800	45.72	1.030	27.69	.723	18.36



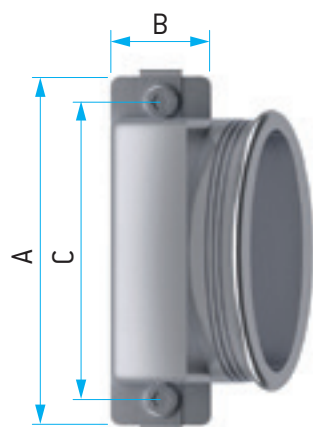
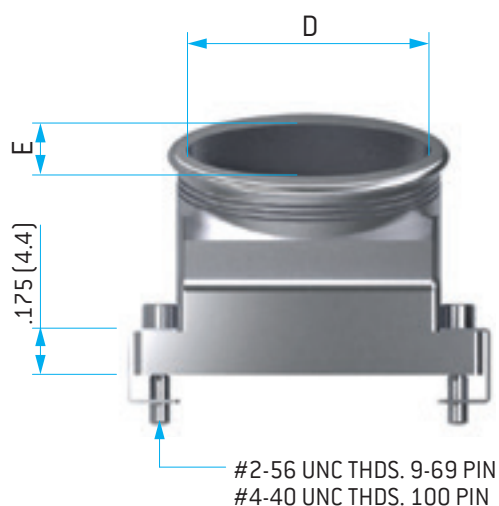
Cable Entry Sizes					
Cable Entry Code	D		E		Available on Shell Size
	In ±0.10	mm ±0.25	In ±0.10	mm ±0.25	
A	.344	8.74	.290	7.37	09 thry 100
B	.494	12.55	.290	7.37	15 thry 100
C	.644	16.36	.290	7.37	21 thry 100
D	.744	18.90	.304	7.72	25 thry 100
E	.894	21.34	.304	7.72	31 thry 100
F	.994	25.25	.304	7.72	37 thry 100
G	1.044	26.52	.304	7.72	37 thry 100
H	1.024	26.01	.384	9.75	100

Series CMH - Elliptical 45° Entry

Type H

1			2			3			4				5	6	7
1	2	3	4	5	6	7	8	9	10	11	12	13			
CMH			H			XX			XXXX				X	-	X

Size	A Max		B Max		C		J Max		K Max	
	In	mm	In	mm	In	mm	In	mm	In	mm
9	.775	19.69	.370	9.40	.565	14.35	.673	17.09	.851	21.62
15	.925	23.50	.370	9.40	.715	18.16	.673	17.09	.876	22.25
21	1.075	27.31	.370	9.40	.865	21.97	.673	17.09	.901	22.89
25	1.175	29.85	.370	9.40	.965	24.51	.700	17.78	.943	23.98
31	1.325	33.66	.370	9.40	1.115	28.32	.700	17.78	.963	24.46
37	1.475	37.47	.370	9.40	1.265	32.13	.700	17.78	.983	24.97
51	1.425	36.20	.410	10.41	1.215	30.86	.758	19.25	1.050	26.67
51-2	1.835	46.61	.370	9.40	1.615	41.02	.758	19.25	1.050	26.67
67	2.310	58.67	.370	9.40	2.015	51.18	.758	19.25	1.050	26.67
69	1.730	43.94	.410	10.41	1.515	38.48	.758	19.25	1.050	26.67
100	2.160	54.86	.460	11.68	1.800	45.72	.824	20.93	1.130	28.70



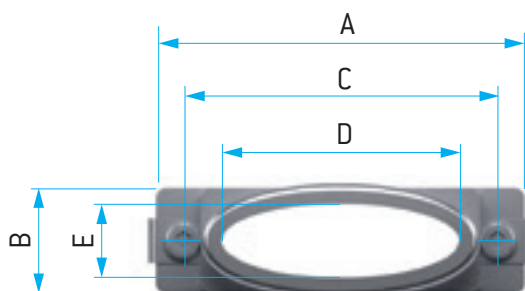
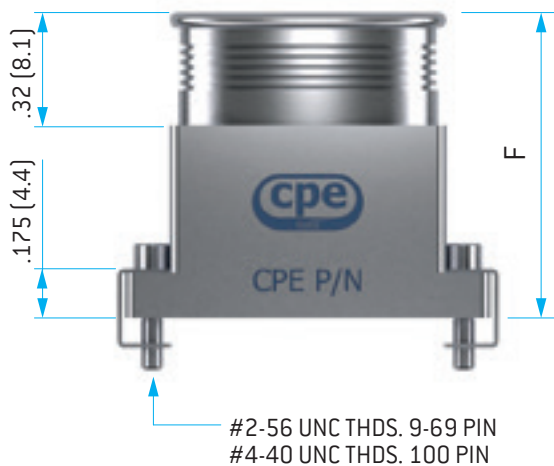
Cable Entry Sizes					
Cable Entry Code	D		E		Available on Shell Size
	In ±0.10	mm ±0.25	In ±0.10	mm ±0.25	
A	.344	8.74	.290	7.37	09 thry 100
B	.494	12.55	.290	7.37	15 thry 100
C	.644	16.36	.290	7.37	21 thry 100
D	.744	18.90	.304	7.72	25 thry 100
E	.894	21.34	.304	7.72	31 thry 100
F	.994	25.25	.304	7.72	37 thry 100
G	1.044	26.52	.304	7.72	37 thry 100
H	1.024	26.01	.384	9.75	100

Series CMH - Elliptical Top Entry

Type J

1			2	3		4				5	6	7
1	2	3	4	5	6	7	8	9	10	11	12	13
CMH			J	XX		XXXX				X	-	X

Size	A Max		B Max		C		F Max	
	In	mm	In	mm	In	mm	In	mm
9	.775	19.69	.370	9.40	.565	14.35	.782	19.86
15	.925	23.50	.370	9.40	.715	18.16	.832	21.13
21	1.075	27.31	.370	9.40	.865	21.97	.882	22.40
25	1.175	29.85	.370	9.40	.965	24.51	.932	23.67
31	1.325	33.66	.370	9.40	1.115	28.32	.972	24.69
37	1.475	37.47	.370	9.40	1.265	32.13	.972	24.69
51	1.425	36.20	.410	10.41	1.215	30.86	1.092	27.74
51-2	1.835	46.61	.370	9.40	1.615	41.02	1.092	27.74
67	2.310	58.67	.370	9.40	2.015	51.18	1.092	27.74
69	1.730	43.94	.410	10.41	1.515	38.48	1.092	27.74
100	2.160	54.86	.460	11.68	1.800	45.72	1.157	29.39



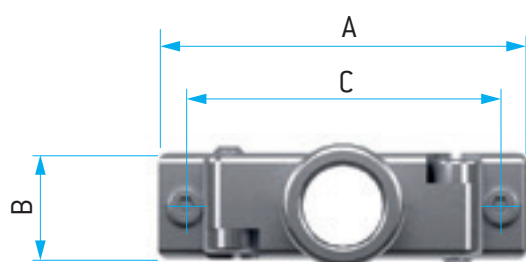
Cable Entry Sizes					
Cable Entry Code	D		E		Available on Shell Size
	In ±0.10	mm ±0.25	In ±0.10	mm ±0.25	
A	.344	8.74	.290	7.37	09 thry 100
B	.494	12.55	.290	7.37	15 thry 100
C	.644	16.36	.290	7.37	21 thry 100
D	.744	18.90	.304	7.72	25 thry 100
E	.894	21.34	.304	7.72	31 thry 100
F	.994	25.25	.304	7.72	37 thry 100
G	1.044	26.52	.304	7.72	37 thry 100
H	1.024	26.01	.384	9.75	100

Series CMH - Split Top Entry

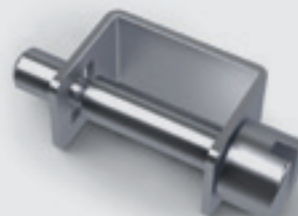
Type L

1			2	3		4				5
1	2	3	4	5	6	7	8	9	10	11
CMH			L	XX		XXXX				X

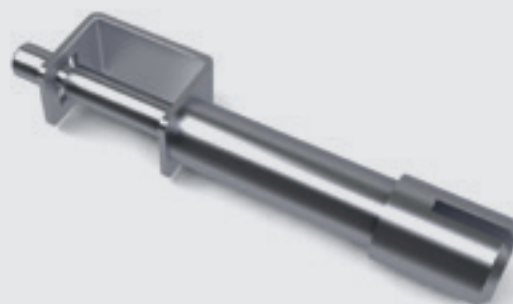
Size	A Max		B Max		C		Ø D		E Max		F Max		G Max	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
9	.915	23.24	.450	11.43	.565	14.35	.160	4.06	1.033	26.24	.721	18.31	.554	14.07
15	1.065	27.05	.450	11.43	.715	18.16	.190	4.83	1.096	27.84	.783	19.89	.617	15.67
21	1.215	30.86	.450	11.43	.865	21.97	.220	5.59	1.127	28.63	.815	20.70	.649	16.48
25	1.315	33.40	.450	11.43	.965	24.51	.260	6.60	1.190	30.23	.877	22.28	.711	18.06
31	1.465	37.21	.450	11.43	1.115	28.32	.275	6.99	1.221	31.01	.908	23.06	.722	18.34
37	1.615	41.02	.450	11.43	1.265	32.13	.285	7.24	1.283	32.59	.971	24.66	.785	19.94
51	1.565	39.75	.495	12.57	1.215	30.86	.350	8.89	1.346	34.19	1.033	26.24	.867	22.02
51-2	1.965	48.91	.450	11.43	1.615	41.02	.285	7.24	1.346	34.19	1.033	26.24	.867	22.02
67	2.365	60.07	.450	11.43	2.015	51.18	.350	8.89	1.346	34.19	1.033	26.24	.867	22.02
69	1.865	47.37	.495	12.57	1.515	38.48	.350	8.89	1.346	34.19	1.033	26.24	.867	22.02
100	2.305	58.55	.540	13.72	1.800	45.72	.490	12.45	1.408	35.76	1.096	27.83	.930	23.62



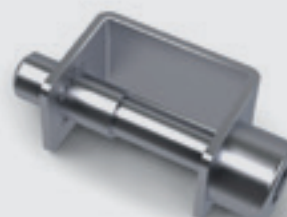
Hardware Options



FILLISTER HEAD SCREW



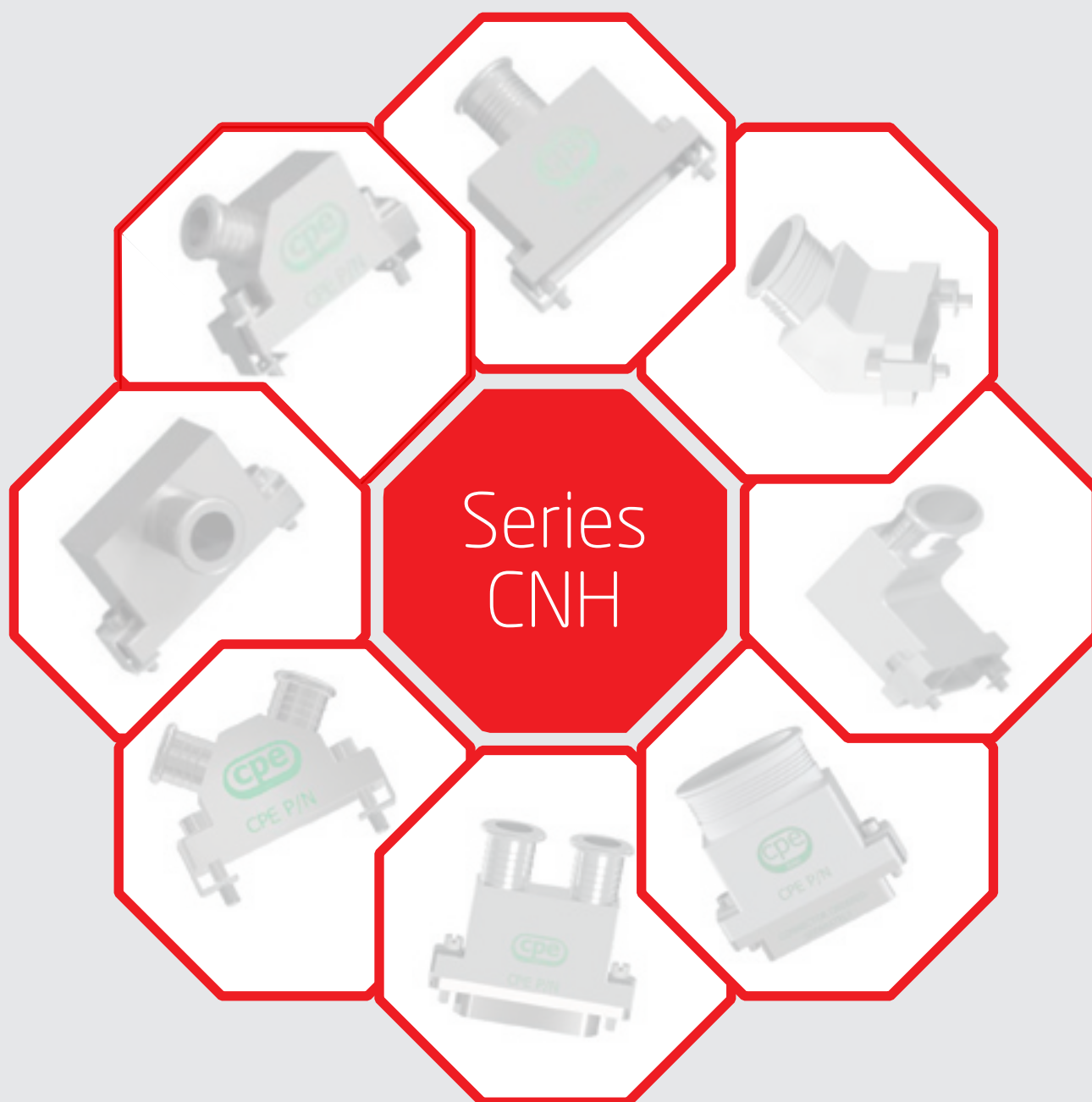
EXTENDED JACKSCREW (NOT FOR 45° ENTRY)



HEX HEAD JACKSCREW



JACKPOST FEMALE



Backshell & accessory designed for both Mil-Dtl-32139 and CPE COTS Nano-miniature Connector applications

Restyling in progress; a new edition of the end of october



Backshell & accessory designed for special micro crimp rectangular connectors

TABLE OF CONTENTS:

STANDARD TOP ENTRY	21	FOR PANEL MOUNT SIDE ENTRY	25
STANDARD SIDE ENTRY	22	FOR PANEL MOUNT TOP ENTRY	26
LOW PROFILE TOP ENTRY	23	FOR PANEL MOUNT 45° ENTRY	27
LOW PROFILE SIDE ENTRY	24		

Series C7H

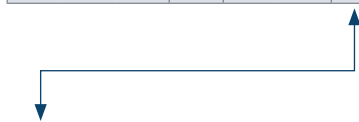
THE PART NUMBER KEY

CPE KEY CODE			1		2		3		4		5		6	
SERIES			1	2	3	4	5	6	7	8	9	10		
2	STANDARD TOP ENTRY	A	C7H			x	XX		X	X	XX			
	STANDARD SIDE ENTRY	B												
	LOW PROFILE TOP ENTRY	C												
	LOW PROFILE SIDE ENTRY	D												
	FOR PANEL MOUNT SIDE ENTRY	E												
	FOR PANEL MOUNT TOP ENTRY	F												
	FOR PANEL MOUNT 45° ENTRY	G												
SHELL FINISH														
3	ELECTROLESS NICKEL EN	EN												
	CADMIUM OLIVE DRAB CO	CO												
	HIGH PHOSPHORUS NICKEL 500H PN	PN												
	GOLD GD	GD												
	STAINLESS STEEL	SS												
	BLAC ZINC NICHEL BN	BN												
CONNECTOR SIZE														
4	A	A												
	B	B												
	C	C												
	D	D												
	E	E												
	F	F												
	G	G												
	H	H												
	J	J												
	L	L												
	M	M												
HARDWARE OPTION														
5	FILLISTE HEAD SCREW	F												
	HEX HEAD JACKSCREW	H												
	EXTENDED JACKSCREW (NOT FOR 45° ENTRY)	E												
	JACKPOST FEMALE	J												
HEIGHT CODE														
6	05	05												
	06	06												
	07	07												
	08	08												
	09	09												
	10	10												
	11	11												
	12	12												
	13	13												
	14	14												
	15	15												
	16	16												
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	22	22												

Series C7H - Standard Top Entry

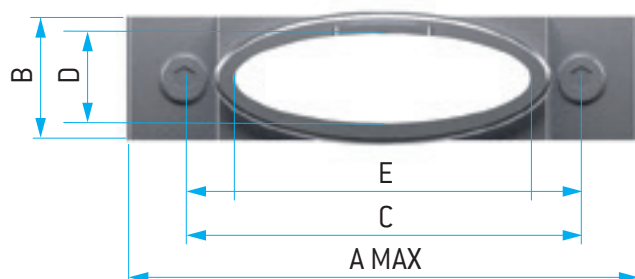
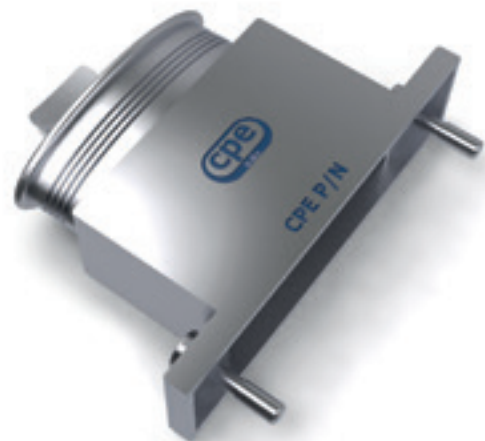
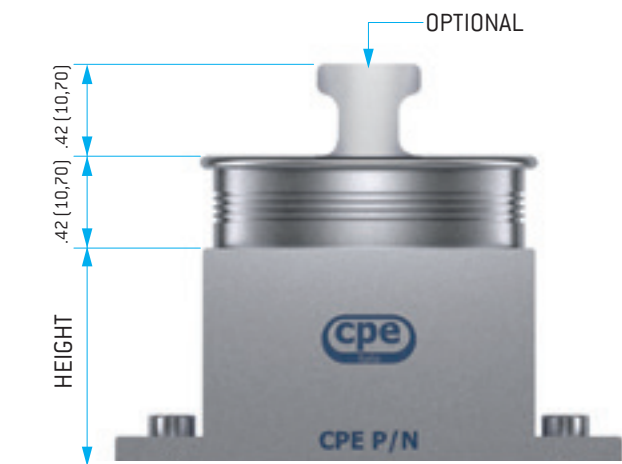
Type A

1			2	3		4	5	6	
1	2	3	4	5	6	7	8	9	10
C7H			A	XX		X	X	XX	



Shell Size	A Max		B Max		C		D		Available Entries
	In	mm	In	mm	In	mm	In	mm	
A	.935	23.75	.450	11.43	.656	14.35	.300	7.62	01
B	1.085	27.56	.450	11.43	.715	18.16	.300	7.62	01 thru 02
C	1.235	31.37	.450	11.43	.865	21.97	.300	7.62	01 thru 03
D	1.335	33.91	.450	11.43	.965	24.51	.300	7.62	01 thru 04
E	1.485	37.72	.450	11.43	1.115	28.32	.300	7.62	01 thru 05
F	1.635	41.53	.450	11.43	1.265	32.13	.300	7.62	01 thru 06
G	1.585	40.26	.533	13.54	1.215	30.86	.383	9.73	01 thru 06
H	2.320	58.93	.560	14.22	1.800	45.72	.410	10.41	01 thru 08
J	1.990	50.55	.450	11.43	1.615	41.02	.300	7.62	01 thru 08
K	2.385	60.58	.450	11.43	2.015	51.18	.300	7.62	01 thru 11
L	2.556	64.92	.560	14.22	2.036	51.71	.410	10.41	01 thru 10
M	2.720	69.01	.620	15.75	2.200	55.88	.470	11.94	01 thru 10; 12

Code	E		Available Sizes
	In	mm	
01	.300	7.62	A thru M
02	.450	11.43	B thru M
03	.600	15.24	C thru M
04	.700	17.78	D thru M
05	.850	21.59	E thru M
06	.965	24.51	F thru M
07	1.155	29.34	H thru M
08	1.345	34.16	H thru M
09	1.460	37.08	K thru M
10	1.581	40.16	K thru M
11	1.760	44.70	K
12	1.645	41.78	M



HEIGHT		
Code	In	mm
06	.750	19.05
07	.875	22.22
08	1.000	25.4
09	1.125	28.57
10	1.250	31.75

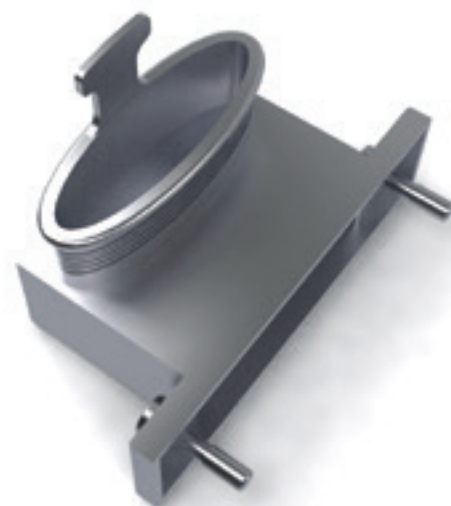
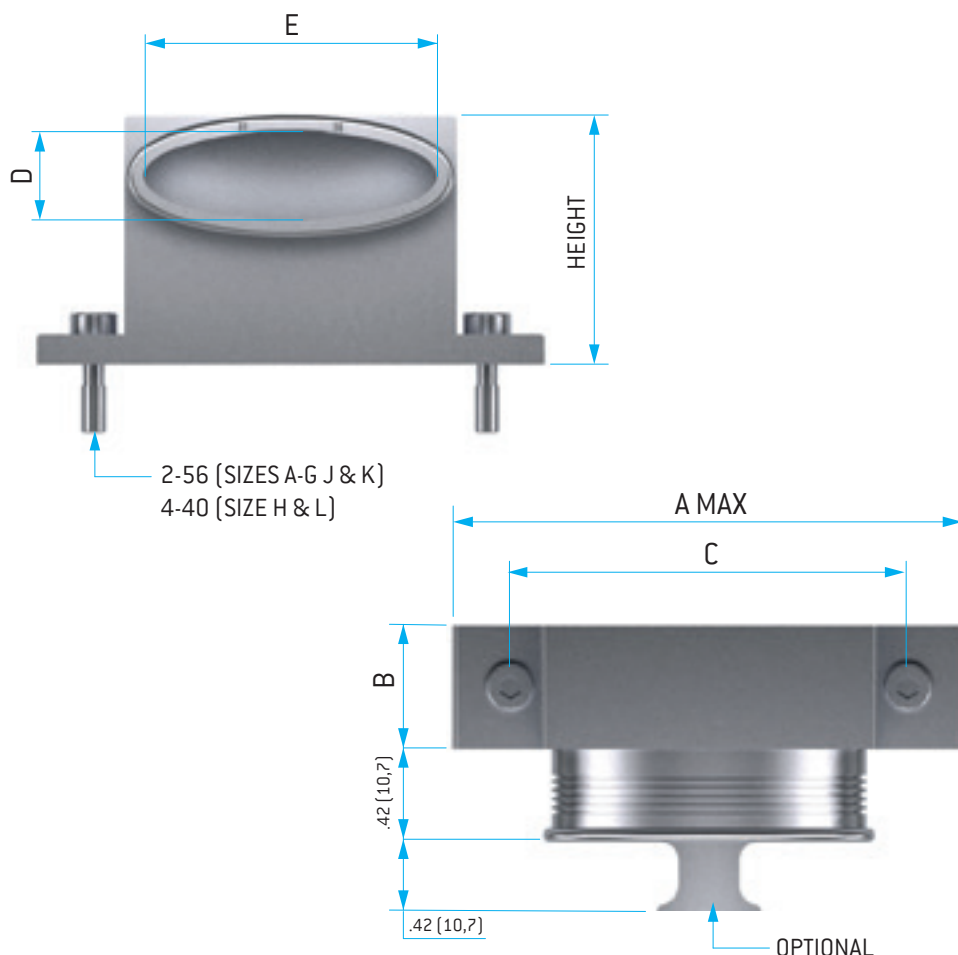
Series C7H - Standard Side Entry

Type B

1	2	3	4	5	6
1	2	3	4	5	6
C7H	B	XX	X	X	XX

Shell Size	A Max		B Max		C		D		Available Entries
	In	mm	In	mm	In	mm	In	mm	
A	.935	23.75	.450	11.43	.656	14.35	.300	7.62	01
B	1.085	27.56	.450	11.43	.715	18.16	.300	7.62	01 thru 02
C	1.235	31.37	.450	11.43	.865	21.97	.300	7.62	01 thru 03
D	1.335	33.91	.450	11.43	.965	24.51	.300	7.62	01 thru 04
E	1.485	37.72	.450	11.43	1.115	28.32	.300	7.62	01 thru 05
F	1.635	41.53	.450	11.43	1.265	32.13	.300	7.62	01 thru 06
G	1.585	40.26	.533	13.54	1.215	30.86	.383	9.73	01 thru 06
H	2.320	58.93	.560	14.22	1.800	45.72	.410	10.41	01 thru 08
J	1.990	50.55	.450	11.43	1.615	41.02	.300	7.62	01 thru 08
K	2.385	60.58	.450	11.43	2.015	51.18	.300	7.62	01 thru 11
L	2.556	64.92	.560	14.22	2.036	51.71	.410	10.41	01 thru 10
M	2.720	69.01	.620	15.75	2.200	55.88	.470	11.94	01 thru 10; 12

Code	E		Available Sizes
	In	mm	
01	.300	7.62	A thru M
02	.450	11.43	B thru M
03	.600	15.24	C thru M
04	.700	17.78	D thru M
05	.850	21.59	E thru M
06	.965	24.51	F thru M
07	1.155	29.34	H thru M
08	1.345	34.16	H thru M
09	1.460	37.08	K thru M
10	1.581	40.16	K thru M
11	1.760	44.70	K
12	1.645	41.78	M



HEIGHT		
Code	In	mm
08	1.000	25.4
09	1.125	25.57
10	1.250	31.75

Series C7H - Low Profile Top Entry

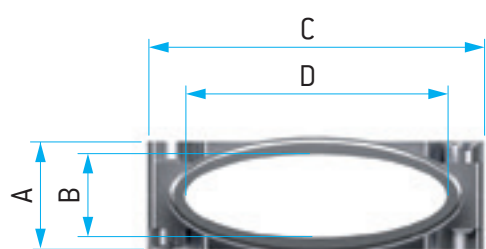
Style C

1			2		3		4	5	6	
1	2	3	4	5	6	7	8	9	10	
C7H			C	XX		X	X	XX		

Shell Size	A Max		B		C Max		Available Entries
	In	mm	In	mm	In	mm	
A	.385	9.78	.270	6.86	.485	12.32	01
B	.385	9.78	.270	6.86	.635	16.13	01 thru 02
C	.385	9.78	.270	6.86	.785	19.94	01 thru 03
D	.385	9.78	.270	6.86	.885	22.48	01 thru 04
E	.385	9.78	.270	6.86	1.035	26.29	01 thru 05
F	.385	9.78	.270	6.86	1.185	30.10	01 thru 06
G	.465	11.81	.350	6.86	1.145	29.08	01 thru 06
H	.495	12.57	.380	6.86	1.525	38.74	01 thru 08
J	.385	9.78	.270	6.86	1.545	39.24	01 thru 08
K	.385	9.78	.270	6.86	1.945	49.40	01 thru 11
L	.495	12.57	.380	9.65	1.765	44.83	01 thru 10
M	.555		.440		1.830		01 thru 10; 12

Entry Size	D		Available Sizes
	In	mm	
01	.140	3.56	A thru L
02	.290	7.37	B thru L
03	.440	11.18	C thru L
04	.540	13.72	D thru L
05	.690	17.53	E thru L
06	.810	20.57	F, H, J, K, L
07	1.000	25.40	H thru L
08	1.190	30.23	H thru L
09	1.305	33.15	K, L
10	1.420	36.07	K, L
11	1.600	40.64	K
12	1.500	38.10	K and M

Code	E	
	In	mm
01	.810	20.6
02	.940	23.9
03	1.060	26.9
04	1.190	30.2
05	1.310	33.3
06	1.440	36.6
07	1.550	39.6
08	1.690	42.9
09	1.810	46.0
10	1.940	49.3



Series C7H - Low Profile Side Entry

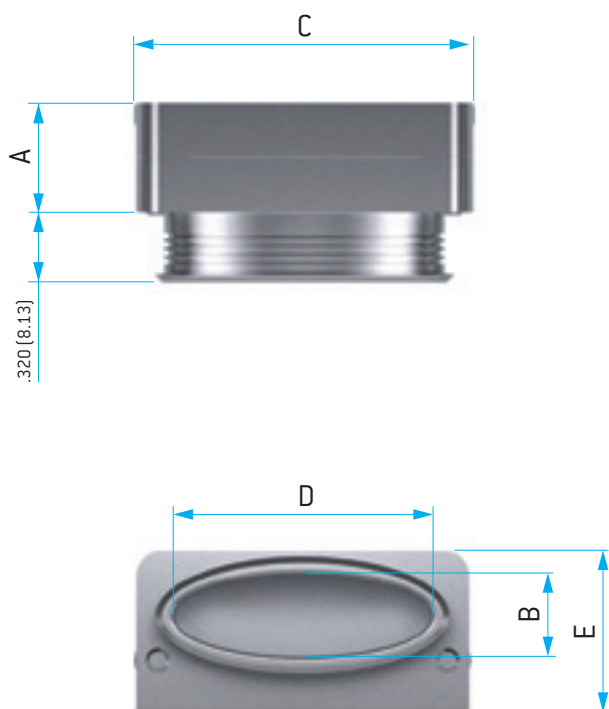
Style D

1			2		3	4	5	6	
1	2	3	4	5	6	7	8	9	10
C7H			D	XX		X	X	XX	

Shell Size	A Max		B		C Max		Available Entries
	In	mm	In	mm	In	mm	
A	.385	9.78	.270	6.86	.485	12.32	01
B	.385	9.78	.270	6.86	.635	16.13	01 thru 02
C	.385	9.78	.270	6.86	.785	19.94	01 thru 03
D	.385	9.78	.270	6.86	.885	22.48	01 thru 04
E	.385	9.78	.270	6.86	1.035	26.29	01 thru 05
F	.385	9.78	.270	6.86	1.185	30.10	01 thru 06
G	.465	11.81	.350	6.86	1.145	29.08	01 thru 06
H	.495	12.57	.380	6.86	1.525	38.74	01 thru 08
J	.385	9.78	.270	6.86	1.545	39.24	01 thru 08
K	.385	9.78	.270	6.86	1.945	49.40	01 thru 11
L	.495	12.57	.380	9.65	1.765	44.83	01 thru 10
M	.555		.440		1.830		01 thru 10; 12

Entry Size	D		Available Sizes
	In	mm	
01	.140	3.56	A thru L
02	.290	7.37	B thru L
03	.440	11.18	C thru L
04	.540	13.72	D thru L
05	.690	17.53	E thru L
06	.810	20.57	F, H, J, K, L
07	1.000	25.40	H thru L
08	1.190	30.23	H thru L
09	1.305	33.15	K, L
10	1.420	36.07	K, L
11	1.600	40.64	K
12	1.500	38.10	K and M

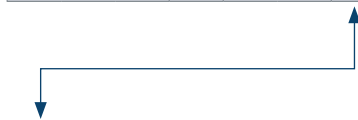
Code	E	
	In	mm
01	.810	20.6
02	.940	23.9
03	1.060	26.9
04	1.190	30.2
05	1.310	33.3
06	1.440	36.6
07	1.550	39.6
08	1.690	42.9
09	1.810	46.0
10	1.940	49.3



Series C7H - For Panel Mount Side Entry

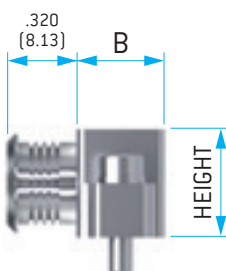
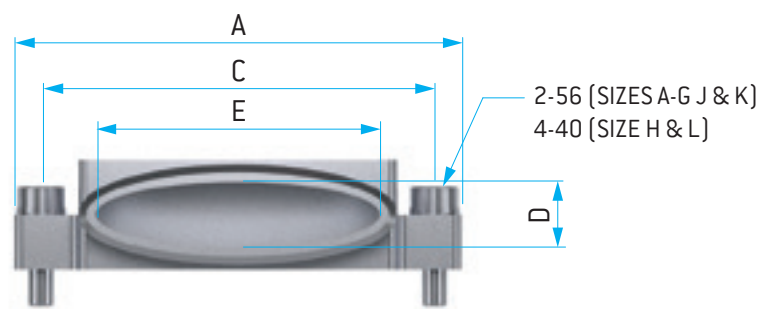
Style E

1	2	3	4	5	6
1	2	3	4	5	6
C7H	E	XX	X	X	XX



Shell Size	A Max		B Max		C		D		Size
	In	mm	In	mm	In	mm	In	mm	
A	.760	19.30	.308	7.82	.565	14.35	.190	4.83	01
B	.910	23.11	.308	7.82	.715	18.16	.190	4.83	02
C	1.060	26.92	.308	7.82	.865	21.97	.190	4.83	03
D	1.160	29.46	.308	7.82	.965	24.51	.190	4.83	04
E	1.310	33.27	.308	7.82	1.115	28.32	.190	4.83	05
F	1.460	36.83	.308	7.82	1.265	32.13	.190	4.83	06
G	1.410	35.81	.395	10.03	1.215	30.86	.275	6.99	06
H	2.045	51.94	.410	10.41	1.800	45.72	.300	7.62	08
J	1.810	45.97	.308	7.82	1.615	41.02	.190	4.83	08
K	2.210	56.13	.308	7.82	2.015	51.18	.190	4.83	11
L	2.281	57.94	.410	10.41	2.036	51.71	.300	7.62	10
M	2.445	62.10	.470	11.94	2.200	55.88	.360	9.14	01 thru 10, 12

Code	E		Sizes
	In	mm	
01	.255	6.48	A thru M
02	.405	10.29	B thru M
03	.555	14.10	C thru M
04	.655	16.64	D thru M
05	.805	20.45	E thru M
06	.920	23.37	F thru M
07	1.110	28.19	H thru M
08	1.300	33.02	H thru M
09	1.415	35.94	K thru M
10	1.535	38.99	K thru M
11	1.705	43.31	K
12	1.600	40.64	K and M



Height Code	Length (in.)	Side Entry
05	.313	A-F, J, K
06	.375	A-F, J, K
07	.438	A-L
08	.500	A-M
09	.563	A-M
10	.625	A-M
11	.688	A-M
12	.750	A-M
13	.813	-
14	.875	-
15	.936	-
16	1.000	-
17	1.063	-
18	1.125	-
19	1.188	-
20	1.250	-
21	1.313	-
22	1.375	-

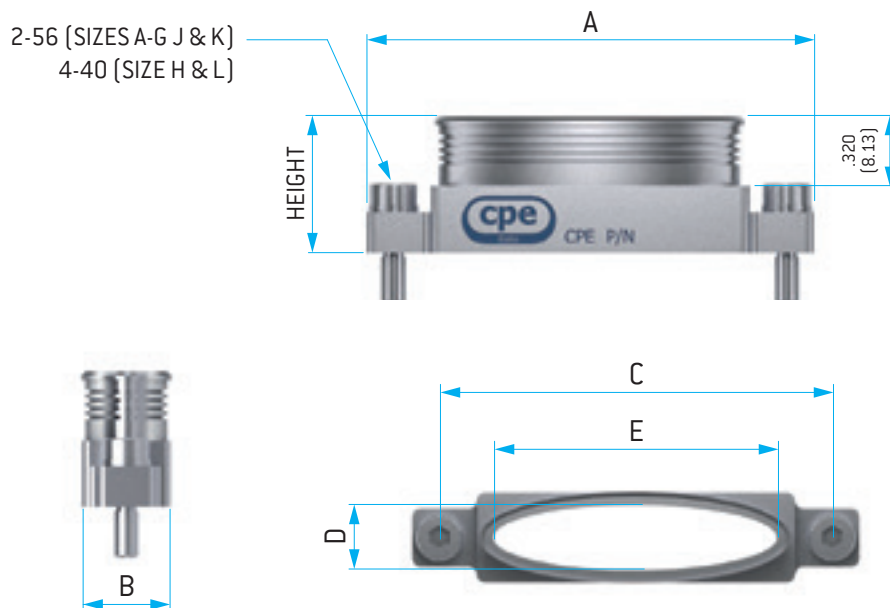
Series C7H - For Panel Mount Top Entry

Style F

1			2		3	4	5	6	
1	2	3	4	5	6	7	8	9	10
C7H			F	XX		X	X	XX	

Shell Size	A Max		B Max		C		D		Size
	In	mm	In	mm	In	mm	In	mm	
A	.760	19.30	.308	7.82	.565	14.35	.190	4.83	01
B	.910	23.11	.308	7.82	.715	18.16	.190	4.83	02
C	1.060	26.92	.308	7.82	.865	21.97	.190	4.83	03
D	1.160	29.46	.308	7.82	.965	24.51	.190	4.83	04
E	1.310	33.27	.308	7.82	1.115	28.32	.190	4.83	05
F	1.460	36.83	.308	7.82	1.265	32.13	.190	4.83	06
G	1.410	35.81	.395	10.03	1.215	30.86	.275	6.99	06
H	2.045	51.94	.410	10.41	1.800	45.72	.300	7.62	08
J	1.810	45.97	.308	7.82	1.615	41.02	.190	4.83	08
K	2.210	56.13	.308	7.82	2.015	51.18	.190	4.83	11
L	2.281	57.94	.410	10.41	2.036	51.71	.300	7.62	10
M	2.445	62.10	.470	11.94	2.200	55.88	.360	9.14	01 thru 10, 12

Code	E		Sizes
	In	mm	
01	.255	6.48	A thru M
02	.405	10.29	B thru M
03	.555	14.10	C thru M
04	.655	16.64	D thru M
05	.805	20.45	E thru M
06	.920	23.37	F thru M
07	1.110	28.19	H thru M
08	1.300	33.02	H thru M
09	1.415	35.94	K thru M
10	1.535	38.99	K thru M
11	1.705	43.31	K
12	1.600	40.64	K and M



Height Code	Length (in.)	Side Entry
05	.313	-
06	.375	-
07	.438	-
08	.500	-
09	.563	A-F, J, K
10	.625	A-G, J, K
11	.688	A-M
12	.750	A-M
13	.813	A-M
14	.875	A-M
15	.936	A-M
16	1.000	A-M
17	1.063	A-M
18	1.125	A-M
19	1.188	G, H, L, M
20	1.250	G, H, L, M
21	1.313	G, H, L, M
22	1.375	G, H, L, M

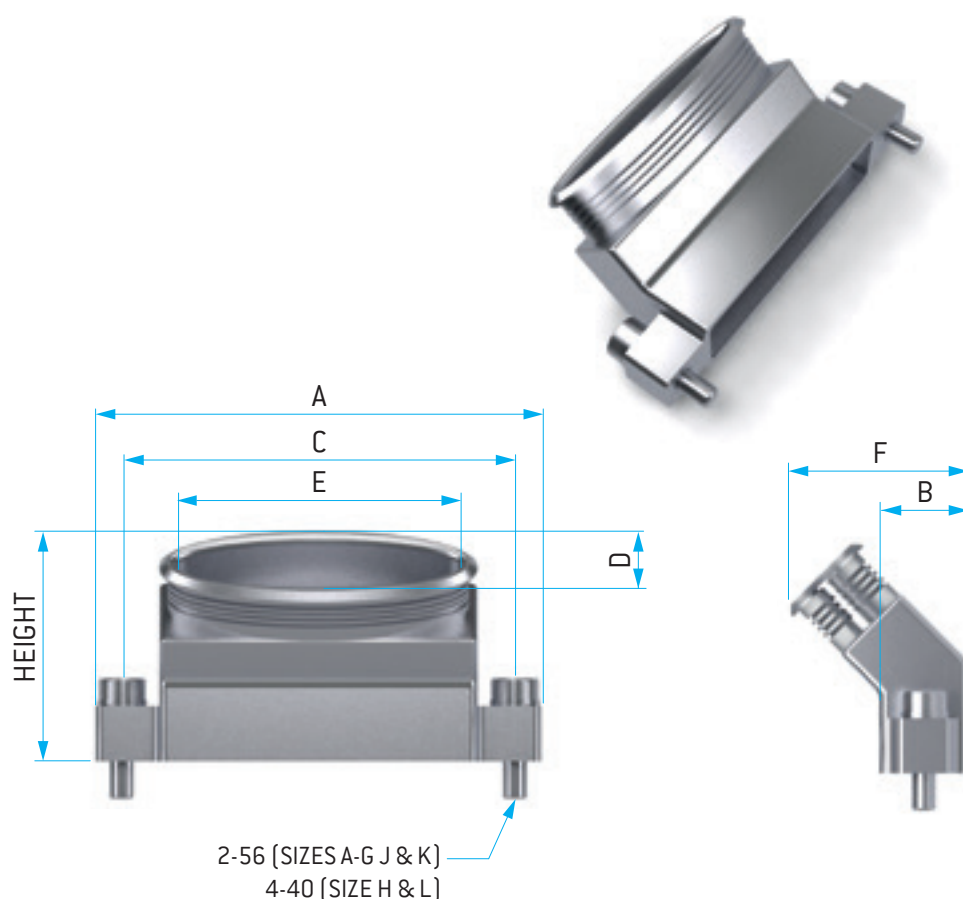
Series C7H - For Panel Mount 45° Entry

Style G

1	2	3	4	5	6
1	2	3	4	5	6
C7H	G	XX	X	X	XX

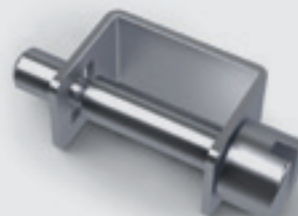
Shell Size	A Max		B Max		C		D		F		Size
	In	mm	In	mm	In	mm	In	mm	In	mm	
A	.760	19.30	.308	7.82	.565	14.35	.190	4.83	.59	15.0	01
B	.910	23.11	.308	7.82	.715	18.16	.190	4.83	.59	15.0	02
C	1.060	26.92	.308	7.82	.865	21.97	.190	4.83	.59	15.0	03
D	1.160	29.46	.308	7.82	.965	24.51	.190	4.83	.59	15.0	04
E	1.310	33.27	.308	7.82	1.115	28.32	.190	4.83	.59	15.0	05
F	1.460	36.83	.308	7.82	1.265	32.13	.190	4.83	.59	15.0	06
G	1.410	35.81	.395	10.03	1.215	30.86	.275	6.99	.68	17.3	06
H	2.045	51.94	.410	10.41	1.800	45.72	.300	7.62	.70	17.8	08
J	1.810	45.97	.308	7.82	1.615	41.02	.190	4.83	.59	15.0	08
K	2.210	56.13	.308	7.82	2.015	51.18	.190	4.83	.59	15.0	11
L	2.281	57.94	.410	10.41	2.036	51.71	.300	7.62	.70	17.8	10
M	2.445	62.10	.470	11.94	2.200	55.88	.360	9.14	.70	19.3	01 thru 10, 12

Code	E		Sizes
	In	mm	
01	.255	6.48	A thru M
02	.405	10.29	B thru M
03	.555	14.10	C thru M
04	.655	16.64	D thru M
05	.805	20.45	E thru M
06	.920	23.37	F thru M
07	1.110	28.19	H thru M
08	1.300	33.02	H thru M
09	1.415	35.94	K thru M
10	1.535	38.99	K thru M
11	1.705	43.31	K
12	1.600	40.64	K and M

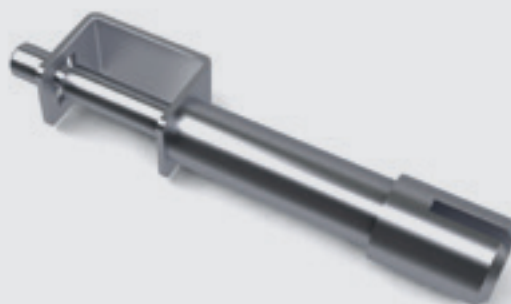


Height Code	Length (in.)	45° Entry
05	.313	-
06	.375	-
07	.438	-
08	.500	-
09	.563	-
10	.625	-
11	.688	A-F, J, K
12	.750	A-G, J, K
13	.813	A-L
14	.875	A-M
15	.936	A-M
16	1.000	A-M
17	1.063	A-M
18	1.125	G, H, L, M
19	1.188	G, H, L, M
20	1.250	G, H, L, M
21	1.313	G, H, L, M
22	1.375	-

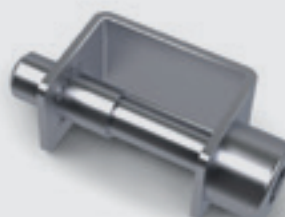
Hardware Options



FILLISTER HEAD SCREW



EXTENDED JACKSCREW (NOT FOR 45° ENTRY)



HEX HEAD JACKSCREW



JACKPOST FEMALE



Backshell & accessory designed for High Performance M24308 D-Sub Connectors

TABLE OF CONTENTS:

LOW PROFILE TOP ENTRY	31	ONE-PIECE SIDE ENTRY	34
LOW PROFILE SIDE ENTRY	32	ONE-PIECE 45° ENTRY	35
ONE-PIECE TOP ENTRY	33		

Series C2H

THE PART NUMBER KEY

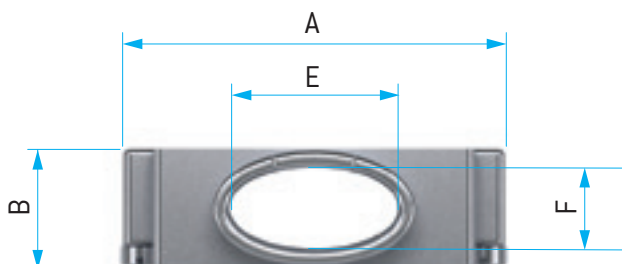
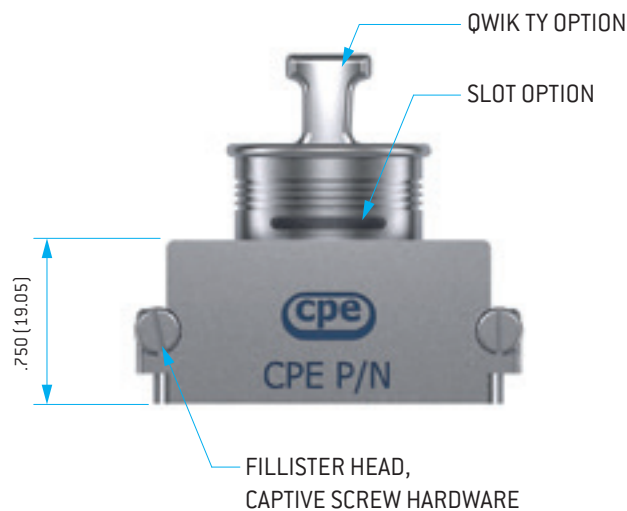
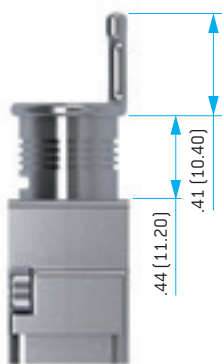
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SERIES			1		2	3		4	5	6	7	
			1	2	3	4	5	6	7	8	9	10
	LOW PROFILE TOP ENTRY	A	C2H			X	XX		X	X	X	X
	LOW PROFILE SIDE ENTRY	B										
2	ONE-PIECE TOP ENTRY	C										
	ONE-PIECE SIDE ENTRY	D										
	ONE-PIECE 45° ENTRY	E										
SHELL FINISH												
	ELECTROLESS NICKEL	EN										
	CADMIUM OLIVE DRAB	CO										
3	HIGH PHOSPHORUS NICKEL 500H	PN										
	GOLD	GD										
	STAINLESS STEEL	SS										
	BLAC ZINC NICHEL	BN										
CONNECTOR SIZE												
	1	1										
	2	2										
4	3	3										
	4	4										
	5	5										
	6	6										
ENTRY SIZE												
	A	A										
5	B	B										
	C	C										
	D	D										
QWIK TY OPTION												
6	N=Supplied without Qwik Ty	N										
	T=With Qwik Ty Strain Relief	T										
QWIK TY OPTION												
7	N=Supplied without Slots	N										
	S=With Slots for Terminating Individual Shields	S										

Series C2H - Low Profile Top Entry

Style A

1			2	3		4	5	6	7
1	2	3	4	5	6	7	8	9	10
C2H			A	XX		X	X	X	X

Shell Size					Entry Size A				Entry Size B				Entry Size C				Entry Size D			
	A Max		B Max		E		F		E		F		E		F		E		F	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
1	.894	22.71	.550	13.97	.143	3.63	.143	3.63	.195	4.95	.195	4.95	.242	6.15	.242	6.15	.438	11.13	.375	9.53
2	1.218	30.94	.550	13.97	.188	4.78	.188	4.78	.256	6.50	.256	6.50	.480	12.19	.375	9.53	.688	17.48	.375	9.53
3	1.760	44.70	.550	13.97	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.780	19.81	.375	9.53	1.125	28.58	.375	9.53
4	2.408	61.16	.550	13.97	.291	7.39	.291	7.39	.800	20.32	.375	9.53	1.260	32.00	.375	9.53	1.813	46.05	.375	9.53
5	2.297	58.34	.654	16.61	.326	8.28	.326	8.28	.770	19.56	.485	12.32	1.250	31.75	.485	12.32	1.750	44.45	.485	12.32
6	2.422	61.52	.716	18.19	.376	9.55	.376	9.55	.863	21.92	.550	13.97	1.323	33.60	.550	13.97	1.875	47.63	.550	13.97

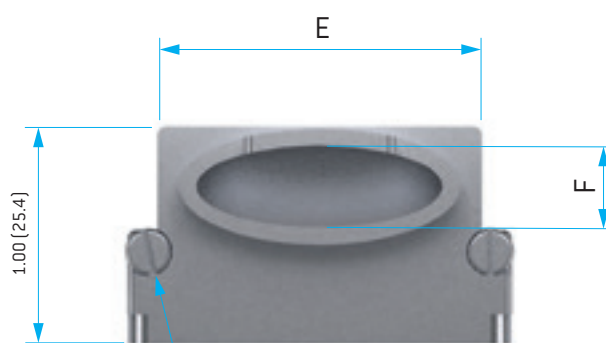
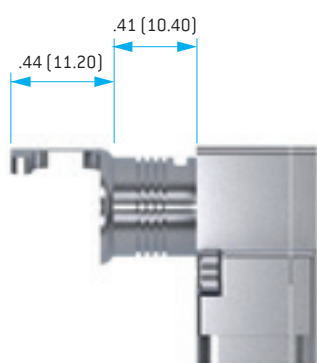


Series C2H - Low Profile Side Entry

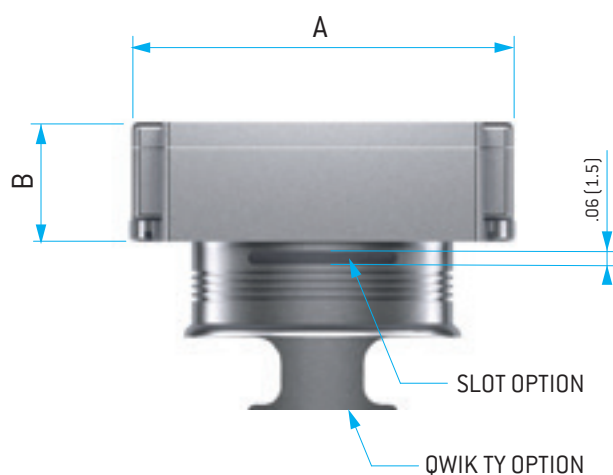
Style B

1			2	3		4	5	6	7
1	2	3	4	5	6	7	8	9	10
C2H			B	XX		X	X	X	X

Shell Size					Entry Size A				Entry Size B				Entry Size C				Entry Size D			
	A Max		B Max		E		F		E		F		E		F		E		F	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
1	.894	22.71	.550	13.97	.143	3.63	.143	3.63	.195	4.95	.195	4.95	.242	6.15	.242	6.15	.438	11.13	.375	9.53
2	1.218	30.94	.550	13.97	.188	4.78	.188	4.78	.256	6.50	.256	6.50	.480	12.19	.375	9.53	.688	17.48	.375	9.53
3	1.760	44.70	.550	13.97	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.780	19.81	.375	9.53	1.125	28.58	.375	9.53
4	2.408	61.16	.550	13.97	.291	7.39	.291	7.39	.800	20.32	.375	9.53	1.260	32.00	.375	9.53	1.813	46.05	.375	9.53
5	2.297	58.34	.654	16.61	.326	8.28	.326	8.28	.770	19.56	.485	12.32	1.250	31.75	.485	12.32	1.750	44.45	.485	12.32
6	2.422	61.52	.716	18.19	.376	9.55	.376	9.55	.863	21.92	.550	13.97	1.323	33.60	.550	13.97	1.875	47.63	.550	13.97



FILLISTER HEAD,
CAPTIVE SCREW HARDWARE



Series C2H - ONE-PIECE Top Entry

Style C

1			2	3		4	5	6	7
1	2	3	4	5	6	7	8	9	10
C2H			C	XX		X	X	X	X

Shell Size					Entry Size A				Entry Size B						Entry Size C						Entry Size D					
	A Max		B Max		E		F		E		F		R	E		F		R		E		F		R		
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm		
1	1.181	30.00	.526	13.36	.143	3.63	.143	3.63	.195	4.95	.195	4.95	N/A		.242	6.15	.242	6.15	N/A		.438	11.13	.375	9.53	.160	4.06
2	1.506	38.25	.526	13.36	.188	4.78	.188	4.78	.256	6.50	.256	6.50	N/A		.480	12.19	.375	9.53	.125	3.18	.688	17.48	.375	9.53	.130	3.30
3	2.046	51.97	.526	13.36	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.125	3.18	.780	19.81	.375	9.53	.125	3.18	1.125	28.58	.375	9.53	.109	2.77
4	2.694	68.43	.526	13.36	.291	7.39	.291	7.39	.800	20.32	.375	9.53	.125	3.18	1.260	32.00	.375	9.53	.125	3.18	1.813	46.05	.375	9.53	.125	2.77
5	2.600	66.04	.628	15.92	.326	8.28	.326	8.28	.770	19.56	.485	12.32	.156	3.96	1.250	31.75	.485	12.32	.156	3.96	1.750	44.45	.485	12.32	.125	3.18
6	2.694	68.43	.690	17.53	.376	9.55	.376	9.55	.863	21.92	.550	13.97	.188	4.78	1.323	33.60	.550	13.97	.156	3.96	1.875	47.63	.550	13.97	.125	3.18

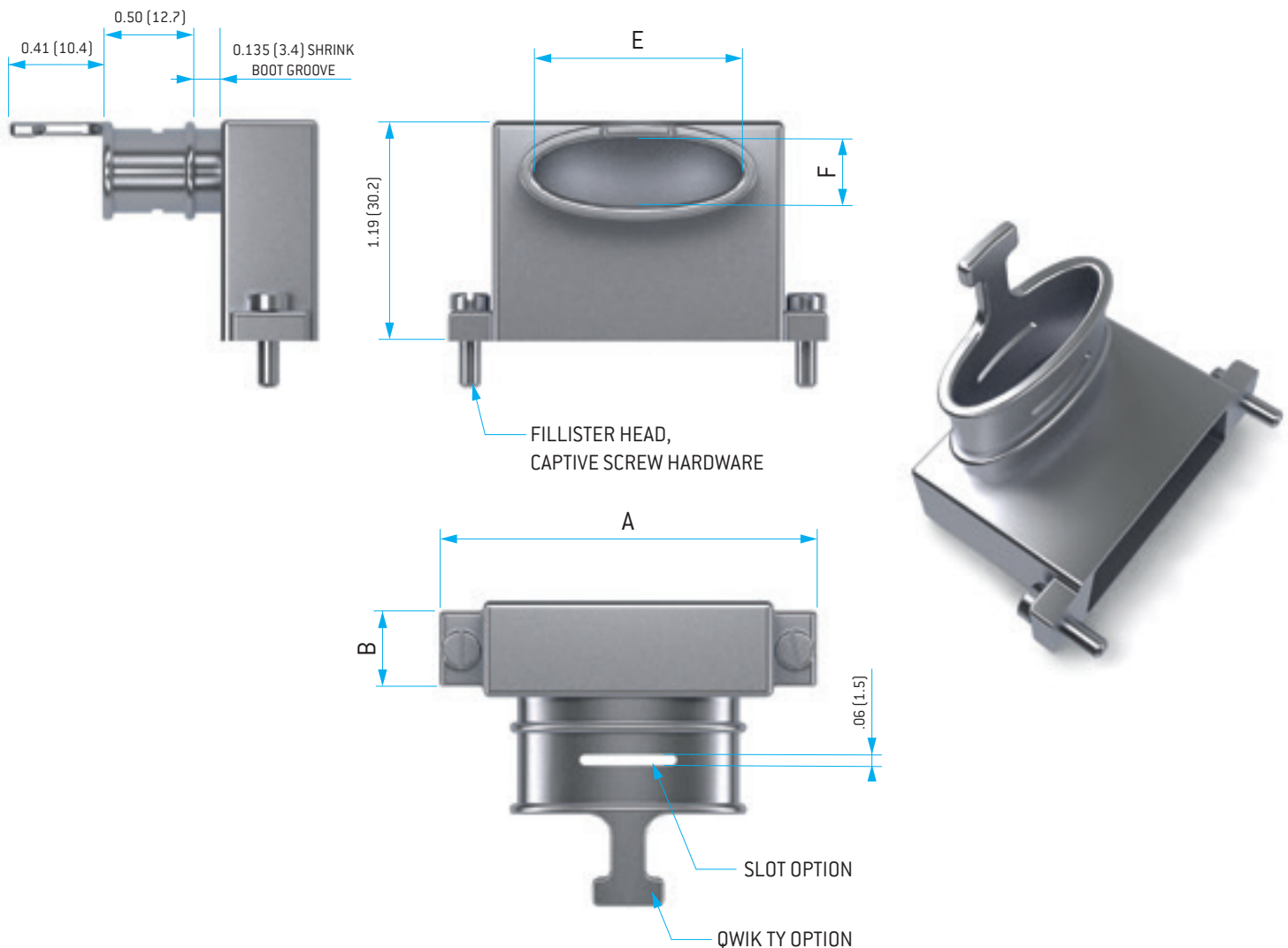


Series C2H - ONE-PIECE Side Entry

Style D

1			2	3		4	5	6	7
1	2	3	4	5	6	7	8	9	10
C2H			D	XX		X	X	X	X

Shell Size					Entry Size A				Entry Size B				Entry Size C				Entry Size D			
	A Max		B Max		E		F		E		F		E		F		E		F	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
1	1.181	30.00	.526	13.36	.143	3.63	.143	3.63	.195	4.95	.195	4.95	.242	6.15	.242	6.15	.438	11.13	.375	9.53
2	1.506	38.25	.526	13.36	.188	4.78	.188	4.78	.256	6.50	.256	6.50	.480	12.19	.375	9.53	.688	17.48	.375	9.53
3	2.046	51.97	.526	13.36	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.780	19.81	.375	9.53	1.125	28.58	.375	9.53
4	2.694	68.43	.526	13.36	.291	7.39	.291	7.39	.800	20.32	.375	9.53	1.260	32.00	.375	9.53	1.813	46.05	.375	9.53
5	2.600	66.04	.628	15.92	.326	8.28	.326	8.28	.770	19.56	.485	12.32	1.250	31.75	.485	12.32	1.750	44.45	.485	12.32
6	2.694	68.43	.690	17.53	.376	9.55	.376	9.55	.863	21.92	.550	13.97	1.323	33.60	.550	13.97	1.875	47.63	.550	13.97

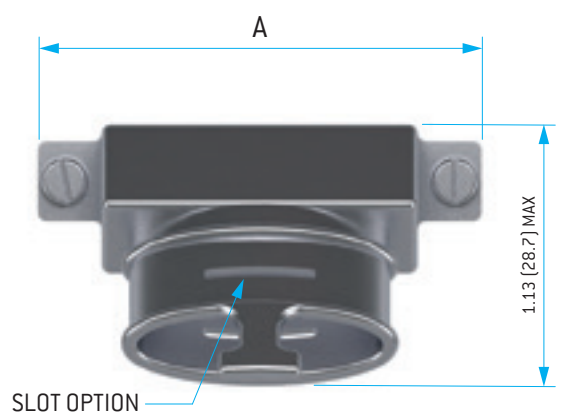
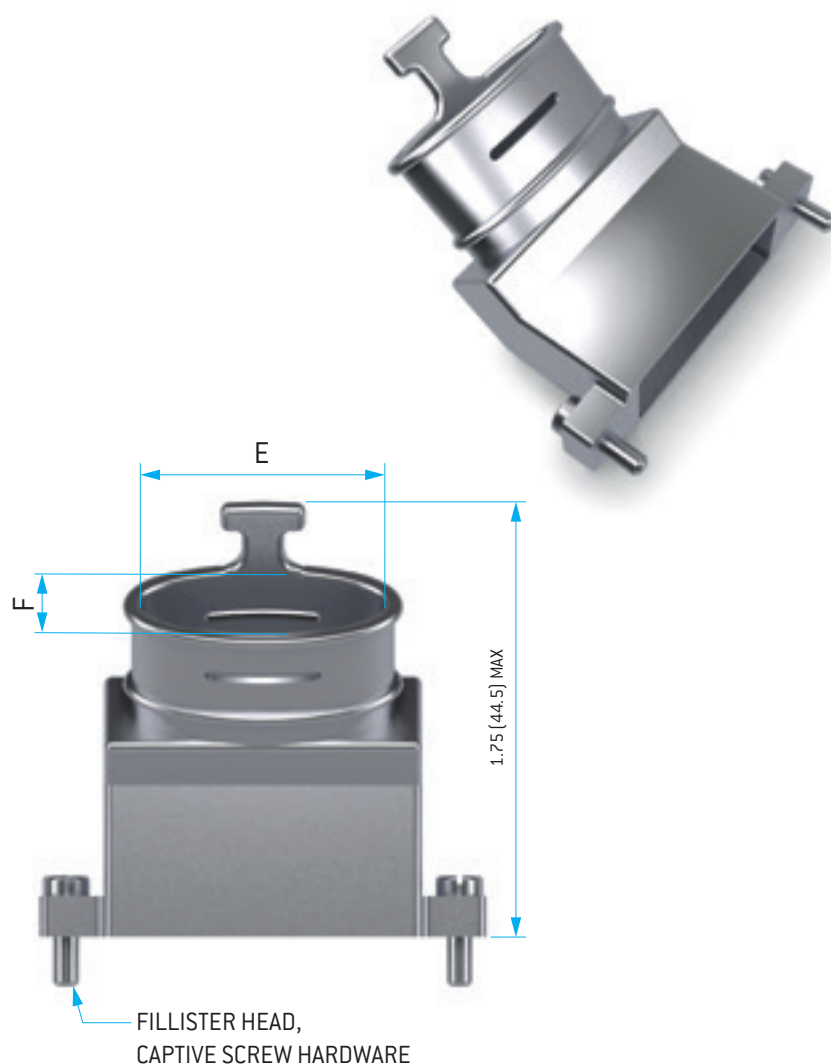
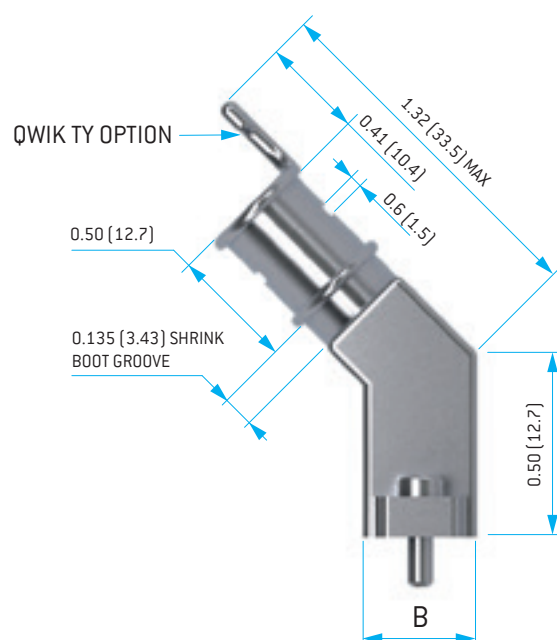


Series C2H - ONE-PIECE 45° Entry

Style E

1			2	3		4	5	6	7
1	2	3	4	5	6	7	8	9	10
C2H			E	XX		X	X	X	X

Shell Size					Entry Size A				Entry Size B				Entry Size C				Entry Size D			
	A Max		B Max		E		F		E		F		E		F		E		F	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm
1	1.181	30.00	.526	13.36	.143	3.63	.143	3.63	.195	4.95	.195	4.95	.242	6.15	.242	6.15	.438	11.13	.375	9.53
2	1.506	38.25	.526	13.36	.188	4.78	.188	4.78	.256	6.50	.256	6.50	.480	12.19	.375	9.53	.688	17.48	.375	9.53
3	2.046	51.97	.526	13.36	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.780	19.81	.375	9.53	1.125	28.58	.375	9.53
4	2.694	68.43	.526	13.36	.291	7.39	.291	7.39	.800	20.32	.375	9.53	1.260	32.00	.375	9.53	1.813	46.05	.375	9.53
5	2.600	66.04	.628	15.92	.326	8.28	.326	8.28	.770	19.56	.485	12.32	1.250	31.75	.485	12.32	1.750	44.45	.485	12.32
6	2.694	68.43	.690	17.53	.376	9.55	.376	9.55	.863	21.92	.550	13.97	1.323	33.60	.550	13.97	1.875	47.63	.550	13.97

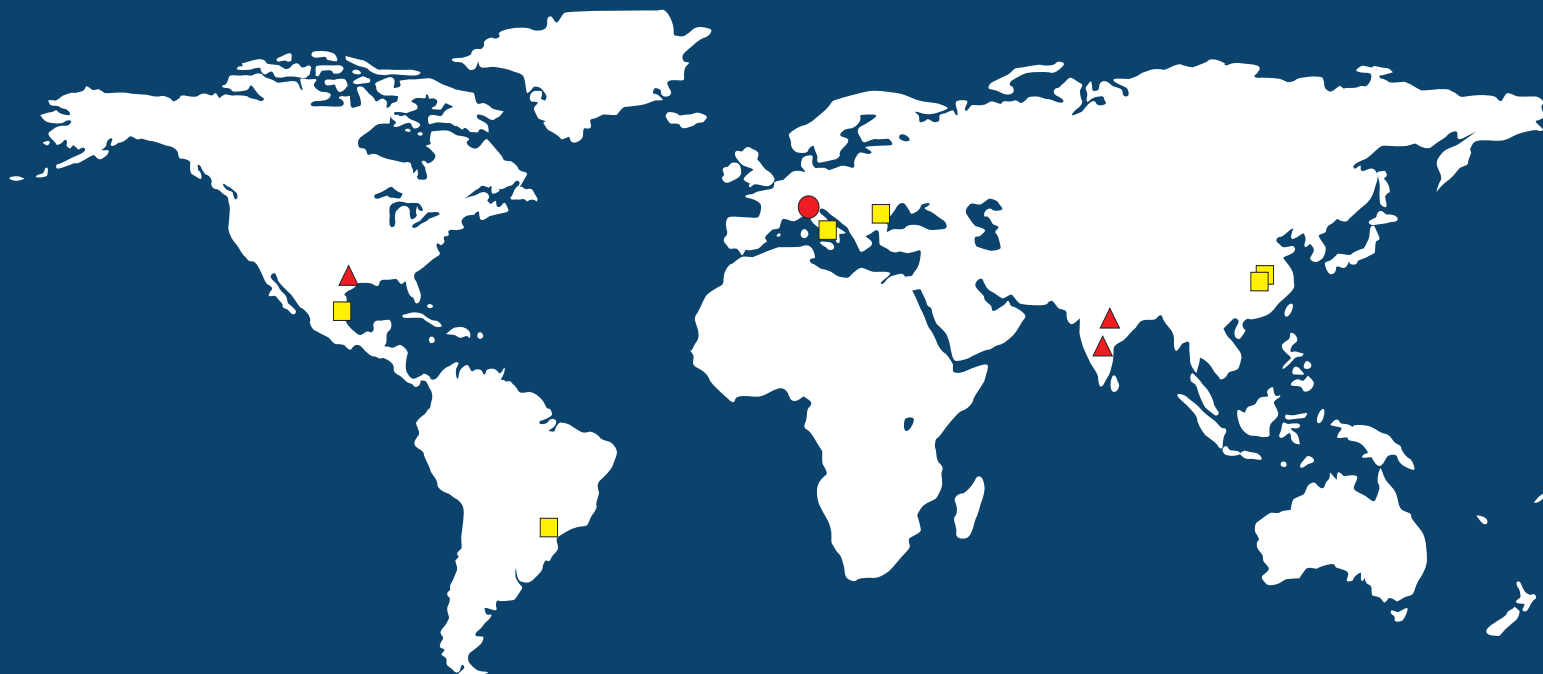


Finishes

ELECTROLESS NICKEL	Cost	● ○ ○ ○ ○	Aluminum plated with electroless nickel offers excellent conductivity, wear resistance, and adequate corrosion resistance. Typically specified on electrical connectors and accessories used in avionics boxes, exoatmospheric equipment, and missiles, electroless nickel is a good choice when exposure to marine or corrosive atmospheres is not a primary concern.
	Conductivity	● ● ● ● ●	
	Corrosion Resistance	● ● ○ ○ ○	
	Operating Temperature	-65 to +200°C	
	CPE Code	EN	
STAINLESS STEEL	Cost	● ● ● ● ●	Stainless steel offers unbeatable strength and protection from environmental stress if durability and corrosion resistance are more important than cost and weight. Typically found on aircraft engines, landing gear, geophysical equipment, armored vehicles and marine applications, passivated stainless steel is widely specified throughout the interconnect industry.
	Conductivity	● ● ● ○ ○	
	Corrosion Resistance	● ● ● ● ●	
	Operating Temperature	-65 to +200°C	
	CPE Code	SS	
ZINC NICKEL, BLACK	Cost	● ● ● ● ○	RoHS-compliant black zinc-nickel is approved for MILDTL-38999, AS85049 and other major military specifications as a replacement for cadmium and hexavalent chromium platings. The non-reflective finish and good conductivity make the CPE BN finish a leading choice for cadmiumfree tactical systems. Corrosion resistance is comparable to cadmium, and the BN finish is backward-compatible with cad-plated connectors and accessories.
	Conductivity	● ● ● ○ ○	
	Corrosion Resistance	● ● ● ● ○	
	Operating Temperature	-65 to +175°C	
	CPE Code	BN	
HIGH-PHOSPHORUS NICKEL	Cost	● ● ● ● ○	High-Phosphorus Nickel plated aluminum has been the unchallenged workhorse of the defense/aerospace industry. Offering up to 1000 hours of salt spray protection when deposited over electroless nickel, High-Phosphorus Nickel is highly conductive, and provides good lubricity and resistance to galling. As plated, High-Phosphorus Nickel has a silvery appearance.
	Conductivity	● ● ● ● ●	
	Corrosion Resistance	● ● ● ● ○	
	Operating Temperature	-65 to +175°C	
	CPE Code	PN	
CADMIUM OLIVE DRAB	Cost	● ● ○ ○ ○	Cadmium plated aluminum has been the unchallenged workhorse of the defense/aerospace industry. Offering up to 500 hours of salt spray protection when deposited over electroless nickel, cadmium is highly conductive, and provides good lubricity and resistance to galling. As plated, cadmium has a silvery appearance. A subsequent chromic acid passivation bath creates a chromate topcoat over the cadmium, enhancing corrosion protection. Olive drab chromate is widely used, followed by gold chromate and clear chromate.
	Conductivity	● ● ● ● ○	
	Corrosion Resistance	● ● ● ● ○	
	Operating Temperature	-65 to +175°C	
	CPE Code	CO	



CPE WORLDWIDE



● **CPE ITALIA SPA (HEADQUARTER)**

Via Chiasserini, 15 - 20157 MILANO - Italy
5000 S.M.
Tel. +39.02.390961 - Fax. +39.02.3570765 - +39.02.3570774
Email: Info@cpeitalia.it
www.cpeitalia.it

■ **CPE East Europe**

Str. Aleea Crinului, 11 - Slatioara - Romania
4000 S.M.
Email: sciarra@cpeitalia.it

■ **CPE Electronica México**

Carretera Apizaco-Tlaxco, Lote 1, Manzana 4, Ciudad Industrial Xicohtencatl 3
2000 S.M.
C.P. 90250, Tlaxco, Tlaxcala
Email: mario.anas@cpemexico.mx

■ **Zhenjiang CPE Electronics Co. Ltd.**

Xindingmao ind. Park in new district
1800 S.M.
212000 Zhenjiang city China

■ **CPE ITALIA SPA (Production Plant)**

Via Torre Lupara Zona Industriale - 81050 PASTORANO (CE) - Italy
3000 S.M.
Email: rocco@cpeitalia.it

■ **CPE do Brasil**

Rua Inaja, 698 - BR83.324.050 Vila E. Pernetá -
2500 S.M.
Curitiba (Pinhais-PR) - Brasil
Email contact: vendas@cpedobrasil.com.br

■ **Wuxi CPE Electronics Co. Ltd**

No.503 Nan Hu Da Dao Nan Chang District, Wuxi City, Jiangsu Province
4500 S.M.
214124 Wuxi City - P.R. China
Email contact: info@cpeitalia.cn

▲ **Commercial Offices**

BANGALORE - INDIA
(Mr. Sanjay - Email contact: sanjay.joshi@cpeitalia.it)
HYDERABAD - INDIA
(Mr. Mohan - Email contact: mohan@rohan-enterprises.com)
TEXAS - U.S.A.
(Mr. Swinger - Email contact: jeff@cpe-nar.com)

