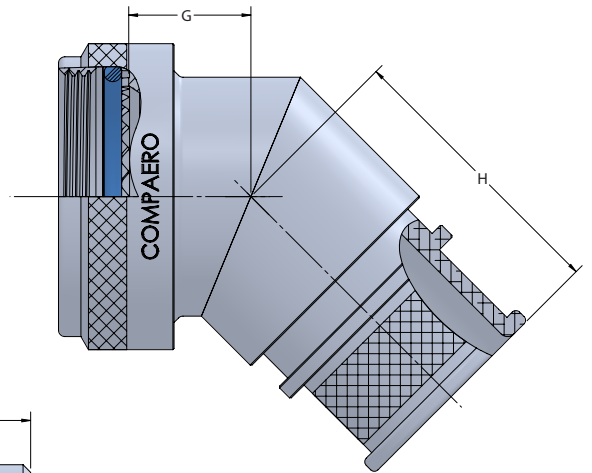
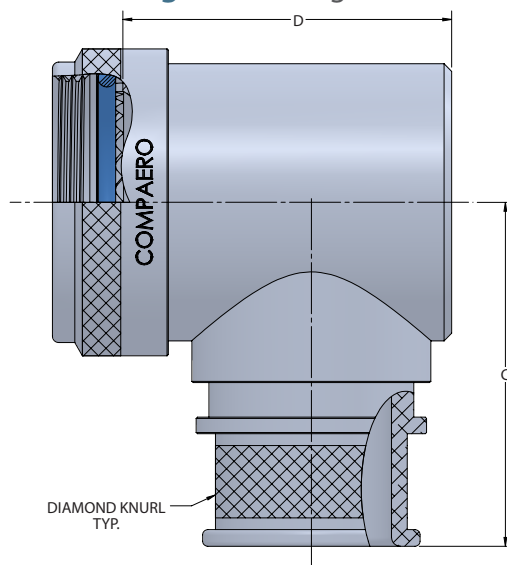


Angle 4 - 45 Degree



Angle 8 - 90 Degree



CP H 42 1 W - 11 03 - B1 - VG0

- Compaero Identifier** — C
- Connector Interface** — H
See Page 4 for details
- Series Identifier** — 42
- Angle** — 1
- Material & Finish** — W
See Page 5 for details
- Shrink Boot Option** — 11
Omit for no Boot - See website for details
- Banding Option** — 03
Omit for none
 - B** - Stamped Buckle Band (Flat)
 - B1** - Stamped Buckle Band (Pre-Coiled)
 - M** - Stamped Buckle Mini Band (Flat)
 - M1** - Stamped Buckle Mini Band (Pre-Coiled)
 See Page 6 for details
- Cable Entry** — B1
See table 1
- Shell Size** — VG0
See table 2 corresponding to each Interface



Tolerances:
Fractions : ± 1/16
Decimals : .XX ± 0.03 ±0.76
Decimals : .XXX ± 0.015 ±0.38
Angles : ± 2 degrees

Table 1 Entry Size

ENTRY SIZE	ØE		ØF	
	in	mm	in	mm
01	0.125	3.18	0.250	6.35
31	0.188	4.78	0.313	7.95
02	0.250	6.35	0.375	9.53
32	0.313	7.95	0.438	11.13
03	0.375	9.53	0.500	12.70
33	0.438	11.13	0.563	14.30
04	0.500	12.70	0.625	15.88
34	0.563	14.30	0.688	17.48
05	0.625	15.88	0.750	19.05
35	0.688	17.48	0.813	20.65
06	0.750	19.05	0.875	22.23
36	0.813	20.65	0.938	23.83
07	0.875	22.23	1.000	25.40
37	0.938	23.83	1.063	27.00
08	1.000	25.40	1.125	28.58
38	1.063	27.00	1.188	30.18
09	1.125	28.58	1.250	31.75
10	1.250	31.75	1.375	34.93
11	1.375	34.93	1.500	38.10
12	1.500	38.10	1.625	41.28
13	1.625	41.28	1.750	44.45
14	1.750	44.45	1.875	47.63
15	1.875	47.63	2.000	50.80
16	2.000	50.80	2.125	53.98
18	2.250	57.15	2.375	60.33
20	2.500	63.50	2.625	66.68

Table 2 Shell Size - H INTERFACE

SHELL SIZE	A THREAD CLASS 2B	ØB MAX.		C MAX.		D MAX.		G MAX.		H MAX.		MAX. ENTRY *
		in	mm	in	mm	in	mm	in	mm	in	mm	
09	M12 x 1.0 - 6H	0.80	20.32	1.08	27.43	0.96	24.38	0.42	10.67	1.02	25.91	02
11	M15 x 1.0 - 6H	0.88	22.35	1.15	29.21	1.09	27.69	0.44	11.18	1.04	26.42	03
13	M18 x 1.0 - 6H	1.03	26.16	1.20	30.48	1.21	30.73	0.49	12.45	1.07	27.18	04
15	M22 x 1.0 - 6H	1.18	29.97	1.27	32.26	1.39	35.31	0.51	12.95	1.10	27.94	05
17	M25 x 1.0 - 6H	1.28	32.51	1.33	33.78	1.52	38.61	0.55	13.97	1.12	28.45	06
19	M28 x 1.0 - 6H	1.43	36.32	1.37	34.80	1.55	39.37	0.57	14.48	1.13	28.70	07
21	M31 x 1.0 - 6H	1.53	38.86	1.44	36.58	1.67	42.42	0.60	15.24	1.16	29.46	08
23	M34 x 1.0 - 6H	1.68	42.67	1.50	38.10	1.80	45.72	0.63	16.00	1.19	30.23	09
25	M37 x 1.0 - 6H	1.78	45.21	1.56	39.62	1.92	48.77	0.65	16.51	1.21	30.73	09

inches millimeters

Table 2 Shell Size - F INTERFACE

SHELL SIZE	A THREAD CLASS 2B	ØB (REF.)		C MAX.		D MAX.		G MAX.		H MAX.		MAX. ENTRY *
		in	mm	in	mm	in	mm	in	mm	in	mm	
08	7 / 16 - 28 UNEF	0.66	16.76	1.29	32.77	0.87	22.10	0.50	12.70	1.02	25.91	02
10	9 / 16 - 24 UNEF	0.78	19.81	1.35	34.29	1.00	25.40	0.52	13.21	1.04	26.42	03
12	11 / 16 - 24 UNEF	0.90	22.86	1.42	36.07	1.12	28.45	0.55	13.97	1.07	27.18	04
14	13 / 16 - 20 UNEF	1.10	27.94	1.48	37.59	1.25	31.75	0.58	14.73	1.10	27.94	05
16	15 / 16 - 20 UNEF	1.23	31.24	1.54	39.12	1.37	34.80	0.60	15.24	1.12	28.45	06
18	1 - 1 / 16 - 18 UNEF	1.36	34.54	1.57	39.88	1.50	38.10	0.61	15.49	1.13	28.70	07
20	1 - 3 / 16 - 18 UNEF	1.48	37.59	1.63	41.40	1.62	41.15	0.66	16.76	1.16	29.46	08
22	1 - 5 / 16 - 18 UNEF	1.61	40.89	1.70	43.18	1.75	44.45	0.68	17.27	1.19	30.23	09
24	1 - 7 / 16 - 18 UNEF	1.67	42.42	1.76	44.70	1.87	47.50	0.68	17.27	1.21	30.73	10

inches millimeters

Table 2 Shell Size - A INTERFACE

SHELL SIZE	A THREAD CLASS 2B	ØB MAX.		C MAX.		D MAX.		G MAX.		H MAX.		MAX. ENTRY *
		in	mm	in	mm	in	mm	in	mm	in	mm	
03	9/16-24 UNEF	0.770	19.56	1.06	26.92	0.96	24.38	0.639	16.23	1.078	27.38	02
08	1/2-20 UNF	0.719	18.26	1.06	26.92	0.96	24.38	0.639	16.23	1.078	27.38	02
10	5/8-24 UNEF	0.844	21.44	1.12	28.45	1.07	27.18	0.664	16.87	1.108	28.14	03
12	3/4-20 UNEF	0.969	24.61	1.19	30.23	1.20	30.48	0.688	17.48	1.128	28.65	04
14	7/8-20 UNEF	1.094	27.79	1.23	31.24	1.28	32.51	0.705	17.91	1.158	29.41	04
16	1 - 20 UNEF	1.219	30.96	1.29	32.77	1.40	35.56	0.732	18.59	1.178	29.92	05
18	1 - 1/16 - 18 UNEF	1.281	32.54	1.33	33.78	1.48	37.59	0.748	19.00	1.188	30.18	06
20	1 - 3/16-18 UNEF	1.406	35.71	1.39	35.31	1.60	40.64	0.773	19.63	1.208	30.68	07
22	1 - 5/16 - 18 UNEF	1.531	38.89	1.46	37.08	1.73	43.94	0.800	20.32	1.248	31.70	08
24	1 - 7/16-18 UNEF	1.656	42.06	1.51	38.35	1.84	46.74	0.823	20.90	1.278	32.46	09
28	1 - 3/4-18 UNS	1.970	50.04	1.63	41.40	2.07	52.58	1.041	26.44	1.448	36.78	11
32	2-18 UNS	2.220	56.39	1.75	44.45	2.20	55.88	1.092	27.74	1.488	37.80	12
36	2 - 1/4-16 UN	2.470	62.74	1.85	46.99	2.45	62.23	1.136	28.85	1.538	39.07	14
40	2 - 1/2-16 UN	2.720	69.09	1.97	50.04	2.70	68.58	1.182	30.02	1.583	40.21	16
44	2 - 3/4-16 UN	2.970	75.44	2.10	53.34	2.95	74.93	1.233	31.32	1.635	41.53	18
48	3-16 UN	3.220	81.79	2.22	56.39	3.20	81.28	1.285	32.64	1.687	42.85	20
61	1 - 1/2-18 UNEF	1.670	42.42	1.53	38.86	1.84	46.74	1.000	25.40	1.403	35.64	09

inches millimeters

* If Max. Entry is exceeded, Dim. "D" will not apply.

CONNECTOR INTERFACE CODES

For standard circular interfaces



Compaero offer termination solutions for virtually all known connector interfaces, the variants highlighted below are our standard lines, available on all product lines shown in this catalogue.

To discuss connector interface options not shown, please contact your local sales representative, or email sales@compaero.com

CONNECTOR INTERFACE	INTERFACE CODE
MIL-DTL-5015 MS3400 SERIES	A
MIL-DTL-81703 SERIES III	A
MIL-DTL-38999 SERIES I & II	F
MIL-DTL-38999 SERIES III & IV	H
MIL-DTL-26482 SERIES II	A
MIL-DTL-83723 SERIES I & III	A

MATERIAL & PLATING OPTIONS

Description



All Compaero backshells are available in a wide selection of material and plating combinations, from heavy duty marine applications to lightweight aerospace solutions, there is an option for almost any situation.

CODE	MIL SPEC CODE	MATERIAL	PLATING	PROCESS	ROHS COMPLIANT
B		Marine Bronze	Shotblast, Nonreflective	1000 Hour Salt Spray, Conductive -65 to +200°C	Yes
C	A	Aluminum	Anodize, Black	AMS-A-8625 Type II Class 2, 336 Hour Salt Spray, Non-Conductive -65 to +175°C	Yes
F	N, F	Aluminum	Electroless Nickel	AMS-C-26074 Class 4 Grade B; ASTM-B-733, SC 2, Type IV, 48 Hour Salt Spray, Conductive -65 to +200°C	Yes
G		Aluminum	Anodize, Hardcoat, Black	AMS-A-8625 Type III, Class 2, .001" thick, 336 Hour Salt Spray, Non-Conductive -65 to +200°C	Yes
KB	B	Stainless Steel	Cadmium, Black	SAE-AMS-QQ-P-416 Type II Class 3 1000 Hour Salt Spray, Conductive -65 to +175°C	No
K	S	Stainless Steel	Passivate	SAE-AMS-QQ-P-35 Type VI 1000 Hour Salt Spray, Conductive -65 to +200°C	Yes
KL		Stainless Steel	Electrodeposited Nickel	SAE-AMS-QQ-N-290 Class 1 Grade F 1000 Hour Salt Spray, Conductive -65 to +200°C	Yes
TR		Aluminum	Zinc-Nickel, Black	ASTM B841 Grade 5 over electroless nickel 500 Hour Salt Spray, Conductive -65 to +175°C	Yes
T		Aluminum	Zinc-Nickel, Black	ASTM B841 Grade 5 over electroless nickel 1000 Hour Salt Spray, Conductive -65 to +175°C	No
W	W	Aluminum	Cadmium, Olive Drab	SAE-AMS-QQ-P-416 Type II Class 2 over electroless nickel 1000 Hour Salt Spray, Conductive -65 to +175°C	No
X		Aluminum	Unplated		Yes
Y		Aluminum	Zinc-Cobalt, Olive Drab	ASTM B 840 Grade 6 Type D over electroless nickel, 350 Hour Salt Spray, Conductive -65 to +175°C	Yes
ZN		Aluminum	Zinc-Nickel, Olive Drab	ASTM B841 Grade 5 over electroless nickel 1000 Hour Salt Spray, Conductive -65 to +175°C	No
Z		Aluminum	Zinc-Cobalt, Black	ASTM B 840 Grade 6 Type D over electroless nickel 350 Hour Salt Spray, Conductive -65 to +175°C	Yes
WF	P	Aluminium	Cadmium, Olive Drab - Selective Plating	SAE-AMS-QQ-P-416 Type II Class 3 over electroless nickel Conductive -65 to +175°C Banding area of backshell free of cadmium plate	No
TF	ZP	Aluminium	Zinc Nickel Black selective plating	ASTM B841 Grade 5 over electroless nickel Conductive -65 to +175°C Banding area of backshell free of zinc nickel plating	Yes

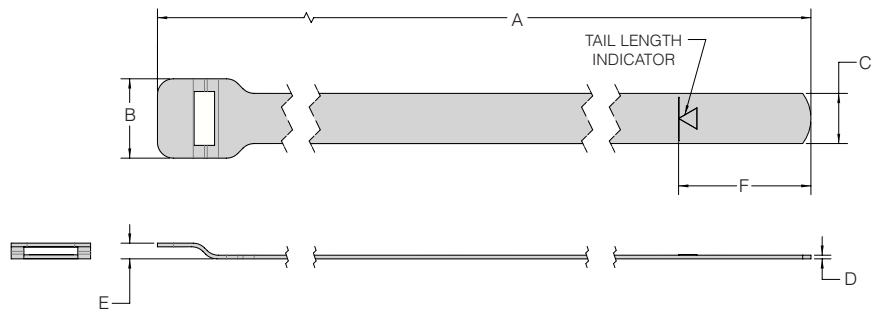
For the full list of available options, please consult www.compaero.com

Please note that the colours shown above are for illustrative purposes only-actual finish colour may vary.



Compaero supply and manufacture a comprehensive range of stainless steel termination bands to be used in a wide variety of interconnect systems. Qualified to the AS85049 standard, they provide a reliable and cost effective termination solution, available in both flat and precoiled versions.

CPTB-1 Stamped Buckle Option



PART NUMBER	A ± .060" / 1.52mm	B ± .031" / 0.79mm	C ± .010" / 0.26mm	D REF	E REF	F REF
CPTB-111*	14.25 361.95	0.350 8.89	0.250 6.35	0.020 0.51	0.130 3.30	2.031 51.59
CPTB-112	18.00 457.2	0.350 8.89	0.250 6.35	0.020 0.51	0.130 3.30	2.031 51.59
CPTB-121*	8.125 206.38	0.195 4.95	0.120 3.05	0.015 0.38	0.053 1.35	2.031 51.59
CPTB-122	14.25 361.95	0.195 4.95	0.120 3.05	0.015 0.38	0.053 1.35	2.031 51.59

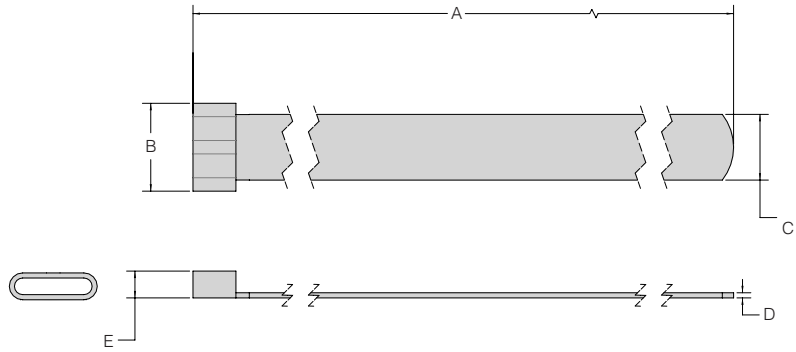
*Available as qualified M85049/128 product - see website for details

CPTB SERIES EMI/RFI BANDS

Stainless Steel Termination Bands



CPTB-2 Welded Buckle Option



PART NUMBER	A ± .060" / 1.52mm	B ± .031" / 0.79mm	C ± .010" / 0.26mm	D REF	E REF
CPTB-211*	14.00 355.60	0.328 8.33	0.245 6.22	0.019 0.50	0.100 2.54
CPTB-212	18.00 457.20	0.328 8.33	0.245 6.22	0.019 0.50	0.100 2.54
CPTB-221*	9.50 241.30	0.198 5.03	0.118 2.99	0.015 0.40	0.080 2.03
CPTB-222	14.25 361.95	0.198 5.03	0.118 2.99	0.015 0.40	0.080 2.03

*Available as qualified M85049/128 product - see website for details

Notes:

1. Optional part marking available - contact sales team for details
2. Material: 300 series stainless steel, passivated

Part Numbering System:

