

TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

| SHELL SIZE | H MAX | J MAX | L MAX | M MAX | N MAX | P MAX | R MAX | S MAX |
|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 8, 9 (A) | .639 (16.2) | 1.100 (27.9) | .750 (19.1) | 1.210 (30.7) | .457 (11.6) | 1.680 (42.7) | .500 (12.7) | 1.781 (45.2) |
| 10, 11 (B) | .664 (16.9) | 1.130 (28.7) | .810 (20.6) | 1.270 (32.3) | .520 (13.2) | 1.740 (44.2) | .595 (15.1) | 1.901 (48.3) |
| 12, 13 (C) | .688 (17.5) | 1.150 (29.2) | .870 (22.1) | 1.330 (33.8) | .582 (14.8) | 1.800 (45.7) | .610 (15.5) | 1.921 (48.8) |
| 14, 15 (D) | .705 (17.9) | 1.180 (30.0) | .920 (23.4) | 1.400 (35.6) | .645 (16.4) | 1.890 (48.0) | .700 (17.8) | 1.991 (50.6) |
| 16, 17 (E) | .732 (18.6) | 1.200 (30.5) | .980 (24.9) | 1.460 (37.1) | .738 (18.7) | 2.000 (50.8) | .885 (22.5) | 2.081 (52.9) |
| 18, 19 (F) | .748 (19.0) | 1.210 (30.7) | 1.020 (25.9) | 1.480 (37.6) | .926 (23.5) | 2.190 (55.6) | .975 (24.8) | 2.251 (57.2) |
| 20, 21 (G) | .773 (19.6) | 1.230 (31.2) | 1.080 (27.4) | 1.540 (39.1) | .926 (23.5) | 2.190 (55.6) | .975 (24.8) | 2.251 (57.2) |
| 22, 23 (H) | .800 (20.3) | 1.270 (32.3) | 1.140 (29.0) | 1.620 (41.1) | 1.020 (25.9) | 2.340 (59.4) | 1.125 (28.6) | 2.361 (60.0) |
| 24, 25 (J) | .823 (20.9) | 1.300 (33.0) | 1.200 (30.5) | 1.690 (42.9) | 1.020 (25.9) | 2.340 (59.4) | 1.125 (28.6) | 2.361 (60.0) |



EMI/RFI NON-ENVIRONMENTAL BACKSHELL
CP*721, CP*723, CP*724, CP*728, CP*729
PART NUMBER BREAKDOWN & CROSS REFERENCE

SERIES
72

| SERIES 72 - PART NUMBER BREAKDOWN / HOW TO ORDER | | | | | | | | | | |
|---|---|----|---|---|---|-----|----|---|----|--|
| CP | F | 72 | 1 | W | D | -16 | 06 | M | -6 | |
| LENGTH (STRAIGHT ONLY) 1/4 INCH INCREMENTS; 1.5 INCH MINIMUM OMIT FOR 1.5 INCH LENGTH e.g. '-12' INDICATES A 3 INCH LENGTH | | | | | | | | | | |
| STRAIN RELIEF OPTION (SEE SECTION E) OMIT FOR NONE | | | | | | | | | | |
| CABLE ENTRY / DASH NUMBER (SEE SECTION E) | | | | | | | | | | |
| SHELL SIZE | | | | | | | | | | |
| D = DIRECT COUPLING OPTION S = SELF-LOCKING COUPLING OPTION OMIT FOR STANDARD ROTATABLE COUPLING | | | | | | | | | | |
| MATERIAL & FINISH C = ALUMINUM, ANODIZE, BLACK F = ALUMINUM, ELECTROLESS NICKEL G = ALUMINUM, HARD ANODIZE K = STAINLESS STEEL, PASSIVATED W = ALUMINUM, CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL | | | | | | | | | | |
| ANGLE 1 = STRAIGHT 3 = 45 DEGREES, LOW PROFILE 4 = 45 DEGREES, STANDARD PROFILE 8 = 90 DEGREES, LOW PROFILE 9 = 90 DEGREES, STANDARD PROFILE | | | | | | | | | | |
| SERIES | | | | | | | | | | |
| INTERFACE CODE A = MIL-DTL-5015 CRIMP, MIL-DTL-26482 II, MIL-DTL-83723 III D = MIL-DTL-26482 SERIES I F = MIL-DTL-38999 SERIES I & II H = MIL-DTL-38999 SERIES III & IV | | | | | | | | | | |
| BASIC PART NUMBER | | | | | | | | | | |

CROSS REFERENCE INFORMATION - FOR COMPLETE BREAKDOWN SEE APPENDIX A

| GLENAIR CROSS REFERENCE | | | | | | | | | |
|-------------------------|---|---|-----|---|----|----|---|---|--|
| 380 | F | S | 007 | M | 16 | 10 | M | 6 | |
| LENGTH | | | | | | | | | |
| STRAIN RELIEF OPTION | | | | | | | | | |
| CABLE ENTRY | | | | | | | | | |
| SHELL SIZE | | | | | | | | | |
| MATERIAL & FINISH | | | | | | | | | |
| BASIC PART NUMBER | | | | | | | | | |
| ANGLE | | | | | | | | | |
| INTERFACE CODE | | | | | | | | | |
| SERIES | | | | | | | | | |

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**SECTION
A**

CONNECTOR INTERFACE DIMENSIONS



| CONNECTOR INTERFACE DIMENSION TABLE | | | | | | | |
|-------------------------------------|--------|--------|------------------|--------------|--------------|--------------|--------------|
| CONNECTOR INTERFACE | | | | | | | |
| A | D, F | H | THREAD | A DIA MAX | B DIA MAX | C DIA MAX | D DIA MAX |
| | 8, 9 | | 7/16 – 28 UNEF | .590 (15.) | .650 (16.5) | .770 (19.6) | .690 (17.5) |
| | | 9 (A) | M12 x 1 – 6H | .650 (16.5) | .770 (19.6) | .770 (19.6) | .940 (24.8) |
| 8 | | | 1/2 – 20 UNF | .650 (16.5) | .650 (16.5) | .650 (16.5) | .690 (17.5) |
| | 10, 11 | | 9/16 – 24 UNEF | .720 (18.3) | .770 (19.6) | .890 (22.6) | .820 (20.8) |
| | | 11 (B) | M15 x 1 – 6H | .770 (19.6) | .820 (20.8) | .820 (20.8) | 1.060 (26.9) |
| 10 | | | 5/8 – 24 UNEF | .770 (19.6) | .770 (19.6) | .890 (22.6) | .820 (20.8) |
| | 12, 13 | | 11/16 – 24 UNEF | .840 (21.3) | .890 (22.6) | 1.020 (25.9) | .940 (23.8) |
| | | 13 (C) | M18 x 1 – 6H | .890 (22.6) | .940 (23.9) | .940 (23.9) | 1.170 (29.7) |
| 12 | | | 3/4 – 20 UNEF | .970 (24.6) | .940 (23.9) | 1.020 (25.9) | .940 (23.8) |
| | 14, 15 | | 13/16 – 20 UNEF | .970 (24.6) | 1.020 (29.2) | 1.150 (29.2) | 1.060 (26.9) |
| | | 15 (D) | M22 x 1 – 6H | 1.030 (26.2) | 1.070 (26.2) | 1.070 (26.2) | 1.290 (32.7) |
| 14 | | | 7/8 – 20 UNEF | 1.090 (27.7) | 1.020 (25.9) | 1.150 (29.2) | 1.060 (26.9) |
| | 16, 17 | | 15/16 – 20 UNEF | 1.090 (27.7) | 1.150 (29.2) | 1.260 (32.0) | 1.170 (29.7) |
| | | 17 (E) | M25 x 1 – 6H | 1.150 (29.2) | 1.210 (30.7) | 1.210 (30.7) | 1.420 (36.1) |
| 16 | | | 1 – 20 UNEF | 1.220 (29.2) | 1.210 (30.7) | 1.230 (31.2) | 1.170 (29.7) |
| 18 | 18, 19 | | 1 1/16 – 18 UNEF | 1.220 (31.0) | 1.230 (31.2) | 1.400 (35.6) | 1.290 (32.7) |
| | | 19 (F) | M28 x 1 – 6H | 1.280 (32.5) | 1.360 (34.5) | 1.360 (34.5) | 1.540 (39.1) |
| 20 | 20, 21 | | 1 3/16 – 18 UNEF | 1.340 (34.0) | 1.360 (34.5) | 1.530 (38.9) | 1.420 (36.0) |
| | | 21 (G) | M31 x 1 – 6H | 1.410 (35.8) | 1.480 (37.6) | 1.480 (37.6) | 1.670 (42.4) |
| 22 | 22, 23 | | 1 5/16 – 18 UNEF | 1.470 (37.3) | 1.480 (37.6) | 1.600 (40.6) | 1.540 (39.1) |
| | | 23 (H) | M34 x 1 – 6H | 1.530 (38.9) | 1.600 (40.6) | 1.600 (40.6) | 2.010 (51.1) |
| 24 | 24, 25 | | 1 7/16 – 18 UNEF | 1.590 (40.4) | 1.730 (43.9) | 1.940 (49.3) | 1.660 (42.2) |
| | | 25 (J) | M37 x 1 – 6H | 1.660 (42.2) | 1.700 (43.2) | 1.700 (43.2) | 2.120 (53.8) |
| 28 | | | 1 3/4 – 18 UNS | 1.970 (50.0) | 1.970 (50.0) | 1.970 (50.0) | 2.010 (51.1) |
| 32 | | | 2 – 18 UNS | 2.280 (57.9) | 2.220 (56.4) | 2.220 (56.4) | 2.260 (57.4) |
| 36 | | | 2 1/4 – 16 UN | 2.530 (64.3) | 2.47 (62.7) | 2.47 (62.7) | 2.530 (64.3) |

**SECTION
E**

STRAIN RELIEF SPECIFICATIONS

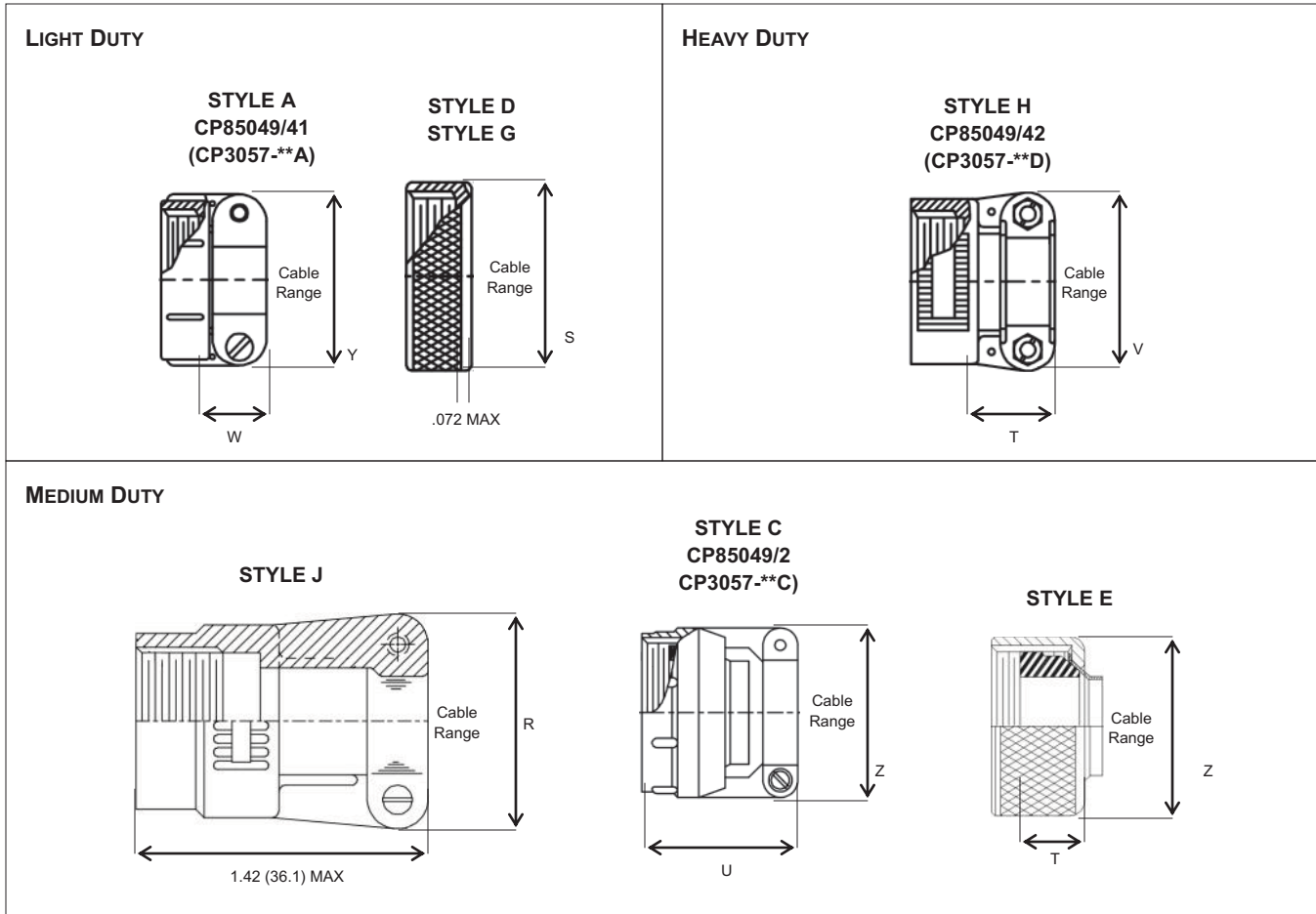


TABLE II - DIMENSIONAL CHART - FOR STRAIN RELIEF ADAPTERS

| DASH | R MAX | S MAX | T MAX | U MAX | V MAX | W MAX | Y MAX | Z MAX |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 01 | .781 (19.8) | .630 (16.0) | .780 (19.8) | 1.375 (34.9) | .957 (24.3) | .437 (11.1) | .812 (20.6) | .812 (20.6) |
| 02 | .968 (24.6) | .755 (19.2) | .780 (19.8) | 1.375 (34.9) | 1.145 (29.1) | .437 (11.1) | .875 (22.2) | .937 (23.8) |
| 03 | 1.046 (26.6) | .942 (23.9) | .780 (19.8) | 1.375 (34.9) | 1.332 (33.8) | .500 (12.7) | 1.062 (27.0) | 1.062 (27.0) |
| 04 | 1.156 (29.4) | 1.067 (27.1) | .780 (19.8) | 1.375 (34.9) | 1.332 (33.8) | .563 (14.3) | 1.156 (29.4) | 1.188 (30.2) |
| 05 | 1.218 (30.9) | 1.192 (30.3) | .811 (20.6) | 1.437 (36.5) | 1.551 (39.4) | .563 (14.3) | 1.250 (31.8) | 1.312 (33.3) |
| 06 | 1.343 (34.1) | 1.380 (35.1) | .905 (23.0) | 1.437 (36.5) | 1.770 (45.0) | .563 (14.3) | 1.469 (37.3) | 1.562 (39.7) |
| 07 | 1.468 (37.3) | 1.535 (39.0) | 1.092 (27.7) | 1.562 (39.7) | 2.113 (53.7) | .656 (16.7) | 1.688 (42.9) | 1.750 (44.5) |
| 08 | 1.593 (40.5) | 1.848 (46.9) | 1.124 (28.5) | 1.812 (46.0) | 2.363 (60.0) | .656 (16.7) | 2.031 (51.6) | 2.250 (57.2) |
| 09 | 1.718 (43.6) | 2.255 (57.3) | 1.399 (35.5) | 2.062 (52.4) | 2.770 (70.4) | .656 (16.7) | 2.281 (57.9) | 2.375 (60.3) |
| 10 | 1.843 (46.8) | 2.505 (63.6) | 1.399 (35.5) | 2.062 (52.4) | 3.020 (76.7) | 1.188 (30.2) | 2.688 (68.3) | 2.625 (66.7) |
| 11 | N/A | N/A | N/A | 2.188 (55.6) | N/A | 1.187 (30.1) | 2.938 (74.6) | 2.812 (71.4) |
| 12 | N/A | N/A | N/A | N/A | N/A | 1.125 (28.6) | 3.500 (88.9) | N/A |



STRAIN RELIEF SPECIFICATIONS

SECTION E

TABLE I - CABLE RANGE - FOR STRAIN RELIEF ADAPTERS

| DASH | STYLE 'H' | | STYLE 'A' STYLE 'D' | | STYLE 'J' STYLE 'G' | | STYLE 'C' STYLE 'E' | |
|------|--------------|--------------|------------------------|--------------|------------------------|--------------|------------------------|--------------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| 01 | N/A | N/A | .156 (4.0) | .250 (6.4) | .062 (1.6) | .125 (3.2) | .217 (5.5) | .219 (5.6) |
| 02 | .125 (3.2) | .312 (7.9) | .188 (4.8) | .312 (7.9) | .125 (3.2) | .250 (6.4) | .296 (7.5) | .312 (7.9) |
| 03 | .250 (6.4) | .437 (11.1) | .281 (7.1) | .438 (11.1) | .250 (6.4) | .375 (9.5) | .390 (9.9) | .438 (11.1) |
| 04 | .312 (7.9) | .562 (14.3) | .387 (9.8) | .562 (14.3) | .375 (9.5) | .500 (12.7) | .434 (11.0) | .531 (13.5) |
| 05 | .350 (8.9) | .625 (15.9) | .375 (9.5) | .625 (15.9) | .500 (12.7) | .625 (15.9) | .434 (11.0) | .625 (15.9) |
| 06 | .500 (12.7) | .750 (19.1) | .438 (11.1) | .750 (19.1) | .625 (15.9) | .750 (19.1) | .596 (15.1) | .750 (19.1) |
| 07 | .625 (15.9) | .937 (23.8) | .625 (15.9) | .938 (23.8) | .750 (19.1) | .875 (22.2) | .596 (15.1) | .938 (23.8) |
| 08 | .875 (22.2) | 1.250 (31.8) | .875 (22.2) | 1.250 (31.8) | .875 (22.2) | 1.000 (25.4) | .858 (21.8) | 1.250 (31.8) |
| 09 | 1.000 (25.4) | 1.375 (34.9) | 1.000 (25.4) | 1.375 (34.9) | 1.000 (25.4) | 1.125 (28.6) | .858 (21.8) | 1.375 (34.9) |
| 10 | 1.250 (31.8) | 1.625 (41.3) | 1.250 (31.8) | 1.625 (41.3) | 1.125 (28.6) | 1.250 (31.8) | 1.107 (28.1) | 1.625 (41.3) |
| 11 | 1.437 (36.5) | 1.875 (47.6) | 1.437 (36.5) | 1.875 (47.6) | N/A | N/A | 1.421 (36.1) | 1.875 (47.6) |
| 12 | N/A | N/A | 1.875 (47.6) | 2.375 (60.3) | N/A | N/A | N/A | N/A |

PART NUMBER BREAKDOWN / HOW TO ORDER

| | | | | | | | | | | |
|---|---|----|---|---|---|-----|----|---|----|--|
| CP | F | 73 | 1 | W | D | -16 | 06 | G | -6 | |
| STRAIN RELIEF OPTION (SEE TABLE I) OMIT FOR NONE | | | | | | | | | | |
| CABLE ENTRY / DASH NUMBER (SEE TABLE I) | | | | | | | | | | |

TABLE III - CROSS REFERENCE TABLE - TO ORDER STRAIN RELIEFS SEPARATELY

| DASH | STYLE 'H' | | STYLE 'A' | | STYLE 'C' | |
|------|-----------------|----------------|----------------|---------------|---------------|--------------|
| | COMPAERO | MIL-SPEC | COMPAERO | MIL-SPEC | COMPAERO | MIL-SPEC |
| 01 | N/A | N/A | CP85049/41-3A | M85049/41-3A | CP85049/2-3C | M85049/2-3C |
| 02 | CP85049/42-4D* | M85049/42-4D* | CP85049/41-4A | M85049/41-4A | CP85049/2-4C | M85049/2-4C |
| 03 | CP85049/42-6D* | M85049/42-6D* | CP85049/41-6A | M85049/41-6A | CP85049/2-6C | M85049/2-6C |
| 04 | CP85049/42-8D* | M85049/42-8D* | CP85049/41-8A | M85049/41-8A | CP85049/2-8C | M85049/2-8C |
| 05 | CP85049/42-10D* | M85049/42-10D* | CP85049/41-10A | M85049/41-10A | CP85049/2-10C | M85049/2-10C |
| 06 | CP85049/42-12D* | M85049/42-12D* | CP85049/41-12A | M85049/41-12A | CP85049/2-12C | M85049/2-12C |
| 07 | CP85049/42-16D* | M85049/42-16D* | CP85049/41-16A | M85049/41-16A | CP85049/2-16C | M85049/2-16C |
| 08 | CP85049/42-20D* | M85049/42-20D* | CP85049/41-20A | M85049/41-20A | CP85049/2-20C | M85049/2-20C |
| 09 | CP85049/42-24D* | M85049/42-24D* | CP85049/41-24A | M85049/41-24A | CP85049/2-24C | M85049/2-24C |
| 10 | CP85049/42-28D* | M85049/42-28D* | CP85049/41-28A | M85049/41-28A | CP85049/2-28C | M85049/2-28C |
| 11 | CP85049/42-32D* | M85049/42-32D* | CP85049/41-32A | M85049/41-32A | CP85049/2-32C | M85049/2-32C |
| 12 | N/A | N/A | CP85049/41-40A | M85049/41-40A | N/A | N/A |

* REPLACE WITH FINISH CODE: N = ELECTROLESS NICKEL, W = CADMIUM OLIVE DRAB, K = STAINLESS STEEL



RECOMMENDED TORQUE VALUES

SECTION G

| INSTALLATION TORQUE VALUES FOR CIRCULAR ELECTRICAL CONNECTOR ACCESSORIES | | |
|---|---------------------|------|
| ACCESSORY THREAD TORQUE: ±5 INCH POUNDS | | |
| | CONNECTOR INTERFACE | |
| SHELL SIZE | D, F | A, H |
| 8, 9, A | 35 | 56 |
| 10, 10SL, 11, B | 35 | 76 |
| 12, 12S, 13, C | 40 | 108 |
| 14, 14S, 15, D | 40 | 116 |
| 16, 16S, 17, E | 40 | 116 |
| 18, 19, 27, F | 40 | 116 |
| 20, 21, 37, G | 80 | 136 |
| 22, 23, H | 80 | 136 |
| 24, 25, 61, J | 80 | 136 |
| 28, 29 | 120 | 148 |
| 32, 33 | 120 | 148 |
| 36 | 120 | 148 |
| 40 | 160 | 164 |
| 44 | 160 | 164 |
| 48 | 160 | 164 |