

380-001
EMI/RFI Non-Environmental Backshell
with Strain Relief
Type A - Rotatable Coupling - Low Profile

**CONNECTOR
 DESIGNATOR
 A-F-H-L-S
 ROTATABLE
 COUPLING
 TYPE A OVERALL
 SHIELD TERMINATION**



**STYLE 2
 (STRAIGHT
 See Note 1)**



**STYLE 2
 (45° & 90°
 See Note 1)**



380-001

EMI/RFI Non-Environmental Backshell with Strain Relief

Type A - Rotatable Coupling - Low Profile



TABLE III: ELBOW DIMENSIONS

| Shell Size | | E | | F | | G | | H | |
|--------------|-----------|-------|--------|-------|--------|-------|--------|-------|--------|
| Conn. Desig. | A-F-L-S H | Max | | Max | | Max | | Max | |
| 08 | 09 | .457 | (11.6) | 1.602 | (40.7) | .500 | (12.7) | 1.612 | (40.9) |
| 10 | 11 | .520 | (13.2) | 1.662 | (42.2) | .595 | (15.1) | 1.732 | (44.0) |
| 12 | 13 | .582 | (14.8) | 1.722 | (43.7) | .610 | (15.5) | 1.752 | (44.5) |
| 14 | 15 | .645 | (16.4) | 2.062 | (52.4) | .700 | (17.8) | 2.072 | (52.6) |
| 16 | 17 | .738 | (18.7) | 2.172 | (55.2) | .885 | (22.5) | 2.162 | (54.9) |
| 18 | 19 | .926 | (23.5) | 2.362 | (60.0) | .975 | (24.8) | 2.332 | (59.2) |
| 20 | 21 | .926 | (23.5) | 2.362 | (60.0) | .975 | (24.8) | 2.332 | (59.2) |
| 22 | 23 | 1.020 | (25.9) | 2.512 | (63.8) | 1.125 | (28.6) | 2.442 | (62.0) |
| 24 | 25 | 1.020 | (25.9) | 2.512 | (63.8) | 1.125 | (28.6) | 2.442 | (62.0) |
| 28 | | 1.145 | (29.1) | 2.562 | (65.1) | 1.225 | (31.1) | 2.612 | (66.3) |
| 32 | | 1.207 | (30.7) | 2.662 | (67.6) | 1.575 | (40.0) | 2.862 | (72.7) |
| 36 | | 1.238 | (31.4) | 2.752 | (69.9) | 1.775 | (45.1) | 2.862 | (72.7) |

See inside back cover
fold-out or pages 13 and
14 for unabridged
Tables I and II.

TABLE II: STANDARD FINISHES

| GLENAIR | |
|--|--|
| SYMBOL | FINISH |
| B | Cadmium Plate, Olive Drab |
| M | Electroless Nickel |
| NF | Cadmium Plate, Olive Drab Over Electroless Nickel |
| See Inside Back Cover for Additional Finish Options | |

TABLE X: CABLE ENTRY

| Dash No. | T Max | V Max | Cable Range | | | |
|----------|--------------|--------------|--------------|--------------|-----|-----|
| | | | Min | Max | Min | Max |
| 04 | .780 (19.8) | .957 (24.3) | .125 (3.2) | .312 (7.9) | | |
| 06 | .780 (19.8) | 1.145 (29.1) | .250 (6.4) | .437 (11.1) | | |
| 08 | .780 (19.8) | 1.332 (33.8) | .312 (7.9) | .562 (14.3) | | |
| 10 | .780 (19.8) | 1.332 (33.8) | .350 (8.9) | .625 (15.9) | | |
| 12 | .811 (20.6) | 1.551 (39.4) | .500 (12.7) | .750 (19.1) | | |
| 16 | .905 (23.0) | 1.770 (45.0) | .625 (15.9) | .937 (23.8) | | |
| 20 | 1.092 (27.7) | 2.113 (53.7) | .875 (22.2) | 1.250 (31.8) | | |
| 24 | 1.124 (28.5) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | | |
| 28 | 1.399 (35.5) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | | |
| 32 | 1.399 (35.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | | |

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Consult factory for shorter lengths on straight backshells.

TABLE XI: CABLE ENTRY

| Dash No. | W Max | X Max | Y Max | Z Max | Cable Range | | | |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|-----|-----|
| | | | | | Min ** | Max | Min | Max |
| 03* | .437 (11.1) | .760 (19.3) | .843 (21.4) | .630 (16.0) | .156 (4.0) | .250 (6.4) | | |
| 04* | .437 (11.1) | .760 (19.3) | .906 (23.0) | .755 (19.2) | .188 (4.8) | .312 (7.9) | | |
| 06* | .500 (12.7) | .760 (19.3) | 1.093 (27.8) | .942 (23.9) | .281 (7.1) | .438 (11.1) | | |
| 08 | .563 (14.3) | .760 (19.3) | 1.187 (30.1) | 1.067 (27.1) | .344 (8.7) | .562 (14.3) | | |
| 10 | .563 (14.3) | .760 (19.3) | 1.281 (32.5) | 1.192 (30.3) | .375 (9.5) | .625 (15.9) | | |
| 12 | .563 (14.3) | .760 (19.3) | 1.500 (38.1) | 1.380 (35.1) | .438 (11.1) | .750 (19.1) | | |
| 16 | .656 (16.7) | 1.073 (27.3) | 1.719 (43.7) | 1.535 (39.0) | .562 (14.3) | .938 (23.8) | | |
| 20 | .656 (16.7) | 1.323 (33.6) | 2.062 (52.4) | 1.848 (46.9) | .750 (19.1) | 1.250 (31.8) | | |
| 24 | .656 (16.7) | 1.323 (33.6) | 2.312 (58.7) | 2.255 (57.3) | .781 (19.8) | 1.375 (34.9) | | |
| 28 | 1.188 (30.2) | 1.572 (39.9) | 2.719 (69.1) | 2.505 (63.6) | .969 (24.6) | 1.625 (41.3) | | |
| 32* | 1.187 (30.1) | 1.572 (39.9) | 2.969 (75.4) | 2.755 (70.0) | 1.125 (28.6) | 1.875 (47.6) | | |
| 40* | 1.125 (28.6) | 1.572 (39.9) | 3.531 (89.7) | 3.255 (82.7) | 1.469 (37.3) | 2.375 (60.3) | | |

* Not available in Style M clamp.

** Not Applicable Style D