

380-019
EMI/RFI Non-Environmental Backshell
with Strain Relief
Type E - Direct Coupling - Low Profile

CONNECTOR DESIGNATORS
A-B*-C-D-E-F
G-H-J-K-L-S
 * Conn. Desig. B See Note 5
DIRECT COUPLING

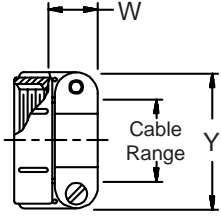
TYPE E INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION



STYLE H
 Heavy Duty
 (Table X)



STYLE A
 Medium Duty
 (Table XI)



STYLE M
 Medium Duty
 (Table XI)



STYLE D
 Medium Duty
 (Table XI)





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

| TABLE III: FRONT ADAPTER | | | |
|--------------------------|--------------------------|--------------|--------------|
| Shell Size | J Max - Conn. Designator | | |
| | A-E-F | | |
| | J-H-L-S | D-B-G-K | C |
| 08/09 | 1.180 (30.0) | 1.440 (36.6) | |
| 10/11 | 1.180 (30.0) | 1.440 (36.6) | |
| 12/13 | 1.180 (30.0) | 1.440 (36.6) | 1.735 (44.1) |
| 14/15 | 1.180 (30.0) | 1.440 (36.6) | 1.915 (48.6) |
| 16/17 | 1.380 (35.0) | 1.560 (39.6) | 1.915 (48.6) |
| 18/19 | 1.380 (35.0) | 1.560 (39.6) | 1.915 (48.6) |
| 20/21 | 1.380 (35.0) | 1.560 (39.6) | 1.915 (48.6) |
| 22/23 | 1.380 (35.0) | 1.560 (39.6) | 1.915 (48.6) |
| 24/25 | 1.380 (35.0) | 1.560 (39.6) | 1.915 (48.6) |
| 28/29 | 1.610 (40.9) | 1.560 (39.6) | 1.915 (48.6) |
| 32/33 | 1.610 (40.9) | 1.750 (44.5) | 1.915 (48.6) |
| 36 | 1.610 (40.9) | 1.750 (44.5) | 1.915 (48.6) |
| 40 | 1.610 (40.9) | 2.190 (55.6) | 1.915 (48.6) |

| TABLE IV: ELBOW DIMENSIONS | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--|
| Elbow Size | E Max | F Max | G Max | H Max | |
| 03 | .457 (11.6) | 1.470 (37.3) | .500 (12.7) | 1.480 (37.6) | |
| 04 | .457 (11.6) | 1.470 (37.3) | .500 (12.7) | 1.480 (37.6) | |
| 06 | .520 (13.2) | 1.530 (38.9) | .595 (15.1) | 1.600 (40.6) | |
| 08 | .582 (14.8) | 1.590 (40.4) | .610 (15.5) | 1.620 (41.1) | |
| 10 | .645 (16.4) | 1.680 (42.7) | .700 (17.8) | 1.690 (42.9) | |
| 12 | .738 (18.7) | 1.790 (45.5) | .885 (22.5) | 1.950 (49.5) | |
| 16 | .926 (23.5) | 1.980 (50.3) | .975 (24.8) | 2.060 (52.3) | |
| 20 | 1.020 (25.9) | 2.130 (54.1) | 1.125 (28.6) | 2.060 (52.3) | |

1. Metric dimensions (mm) are indicated in parentheses.
2. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not for inspection criteria.
3. Consult factory for shorter lengths on straight backshells.
4. Designate Symbol T for 3 ring termination of individual and overall

| TABLE X: CABLE ENTRY | | | | | |
|----------------------|--------------|--------------|--------------|--------------|--|
| Dash No. | T | V | Cable Range | | |
| | Max | 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) | |

| 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

5. When using Connector Designator B refer to pages 18 and 19 for part number development.

| TABLE XI: CABLE ENTRY | | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| Dash No. | W | X | Y | Z | Cable Range | | |
| | Max | Max | Max | 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