

M28840/8 A EMI/RFI Environmental Backshell



EMI/RFI
Environmental
Backshells

M28840/8 16 W A

Glenair Connector Designator G

MIL-C-28840

Basic Part No. ————

Dash No. (Table II) ————

Style Designator - A = EMI/Environmental

Material and Finish Designator
D = Corrosion Resistant Steel, Cadmium Plate, Black
W = Aluminum, Cadmium Olive
Drab over Electroless Nickel

TABLE I

| Shell Size | A Thread Class 2B | C Dia Max |
|------------|-------------------|--------------|
| 11 | .750 - 20 UNEF | 1.028 (26.1) |
| 13 | .875 - 20 UNEF | 1.141 (29.0) |
| 15 | 1.000 - 20 UNEF | 1.263 (32.1) |
| 17 | 1.125 - 18 UNEF | 1.387 (35.2) |
| 19 | 1.250 - 18 UNEF | 1.513 (38.4) |
| 23 | 1.438 - 18 UNEF | 1.703 (43.3) |
| 25 | 1.562 - 18 UNEF | 1.825 (46.4) |
| 29 | 1.875 - 16 UN | 2.143 (54.4) |
| 33 | 2.062 - 16 UNS | 2.329 (59.2) |

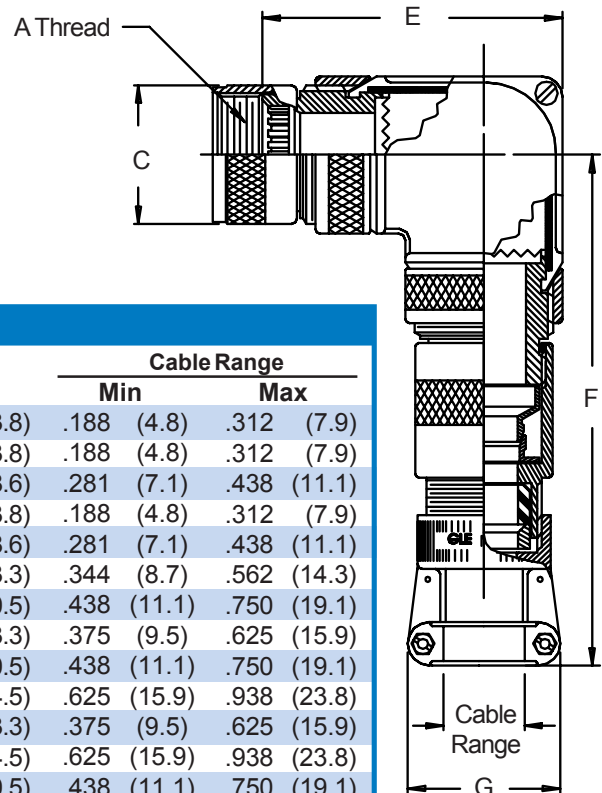


TABLE II

| Dash No. | Shell Size Ref. | E Max Envelope | F Max | G Ref. Dim | Cable Range | |
|----------|-----------------|----------------|---------------|--------------|--------------|--------------|
| | | | | | Min | Max |
| 01 | 11 | 2.614 (66.4) | 5.332 (135.4) | .938 (23.8) | .188 (4.8) | .312 (7.9) |
| 02 | 13 | 2.614 (66.4) | 5.332 (135.4) | .938 (23.8) | .188 (4.8) | .312 (7.9) |
| 03 | 13 | 2.614 (66.4) | 5.332 (135.4) | 1.125 (28.6) | .281 (7.1) | .438 (11.1) |
| 04 | 15 | 2.864 (72.7) | 5.457 (138.6) | .938 (23.8) | .188 (4.8) | .312 (7.9) |
| 05 | 15 | 2.864 (72.7) | 5.457 (138.6) | 1.125 (28.6) | .281 (7.1) | .438 (11.1) |
| 06 | 15 | 2.864 (72.7) | 5.457 (138.6) | 1.312 (33.3) | .344 (8.7) | .562 (14.3) |
| 07 | 15 | 3.114 (79.1) | 5.682 (144.3) | 1.593 (40.5) | .438 (11.1) | .750 (19.1) |
| 08 | 17 | 3.114 (79.1) | 5.682 (144.3) | 1.312 (33.3) | .375 (9.5) | .625 (15.9) |
| 09 | 17 | 3.114 (79.1) | 5.713 (145.1) | 1.593 (40.5) | .438 (11.1) | .750 (19.1) |
| 10 | 17 | 3.114 (79.1) | 5.807 (147.5) | 1.750 (44.5) | .625 (15.9) | .938 (23.8) |
| 11 | 19 | 3.114 (79.1) | 5.682 (144.3) | 1.312 (33.3) | .375 (9.5) | .625 (15.9) |
| 12 | 19 | 3.364 (85.4) | 5.832 (148.1) | 1.750 (44.5) | .625 (15.9) | .938 (23.8) |
| 13 | 23 | 3.364 (85.4) | 5.738 (145.7) | 1.593 (40.5) | .438 (11.1) | .750 (19.1) |
| 14 | 23 | 3.364 (85.4) | 5.832 (148.1) | 1.750 (44.5) | .625 (15.9) | .938 (23.8) |
| 15 | 23 | 3.364 (85.4) | 6.019 (152.9) | 2.093 (53.2) | .812 (20.6) | 1.188 (30.2) |
| 16 | 25 | 3.364 (85.4) | 5.832 (148.1) | 1.750 (44.5) | .625 (15.9) | .938 (23.8) |
| 17 | 25 | 3.364 (85.4) | 6.019 (152.9) | 2.093 (53.2) | .812 (20.6) | 1.188 (30.2) |
| 18 | 25 | 3.614 (91.8) | 6.144 (156.1) | 2.093 (53.2) | .875 (22.2) | 1.250 (31.8) |
| 19 | 25 | 3.614 (91.8) | 6.176 (156.9) | 2.343 (59.5) | 1.000 (25.4) | 1.380 (35.1) |
| 20 | 29 | 3.614 (91.8) | 6.144 (156.1) | 2.093 (53.2) | .812 (20.6) | 1.188 (30.2) |
| 21 | 29 | 3.614 (91.8) | 6.176 (156.9) | 2.343 (59.5) | 1.000 (25.4) | 1.380 (35.1) |
| 22 | 33 | 4.114 (104.5) | 6.426 (163.2) | 2.343 (59.5) | 1.000 (25.4) | 1.380 (35.1) |
| 23 | 33 | 4.114 (104.5) | 6.701 (170.2) | 2.750 (69.9) | 1.250 (31.8) | 1.625 (41.3) |
| 24 | 11 | 2.614 (66.4) | 5.332 (135.4) | 1.125 (28.6) | .281 (7.1) | .438 (11.1) |
| 25 | 11 | 2.864 (72.7) | 5.457 (138.6) | 1.312 (33.3) | .344 (8.7) | .562 (14.3) |
| 26 | 13 | 2.864 (72.7) | 5.457 (138.6) | 1.312 (33.3) | .344 (8.7) | .562 (14.3) |
| 27 | 13 | 3.114 (79.1) | 5.682 (144.3) | 1.312 (33.3) | .375 (9.5) | .625 (15.9) |
| 28 | 15 | 3.114 (79.1) | 5.682 (144.3) | 1.312 (33.3) | .375 (9.5) | .625 (15.9) |

1. For complete dimensions see applicable Military Specification.
2. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.