

**CONNECTOR  
 DESIGNATORS**  
**A-B\*-C-D-E-F**  
**G-H-J-K-L-S**

\* Conn. Design. B See Note 4  
**DIRECT  
 COUPLING**



| TABLE II - STANDARD FINISHES |   |
|------------------------------|---|
| GLENAIR SYMBOL               | FINISH  |
| B                            | Cadmium Plate, Olive Drab                         |
| C                            | Anodize, Black                                    |
| G                            | Hard Coat, Anodic                                 |
| M                            | Electroless Nickel                                |
| NF                           | Cadmium Plate, Olive Drab Over Electroless Nickel |

See Back Cover for Complete Finish Information and Additional Finish Options



**310-034**  
**O-Ring Sealed Shrink Boot Adapter**  
**Direct Coupling - Standard Profile**



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)             | 1.250 (31.8) |              |
| 10/11                    | 1.180 (30.0)             | 1.250 (31.8) |              |
| 12/13                    | 1.180 (30.0)             | 1.250 (31.8) | 1.735 (44.1) |
| 14/15                    | 1.180 (30.0)             | 1.250 (31.8) | 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: DIMENSIONS |              |              |              |              |  |
|----------------------|--------------|--------------|--------------|--------------|--|
| Shell Size           | E Max        | F Max        | G Max        | H Max        |  |
| 08/09                | .639 (16.2)  | .810 (20.6)  | .750 (19.1)  | .920 (23.4)  |  |
| 10/11                | .664 (16.9)  | .840 (21.3)  | .810 (20.6)  | .980 (24.9)  |  |
| 12/13                | .688 (17.5)  | .860 (21.8)  | .870 (22.1)  | 1.040 (26.4) |  |
| 14/15                | .705 (17.9)  | .890 (22.6)  | .920 (23.4)  | 1.110 (28.2) |  |
| 16/17                | .732 (18.6)  | .910 (23.1)  | .980 (24.9)  | 1.170 (29.7) |  |
| 18/19                | .748 (19.0)  | .920 (23.4)  | 1.020 (25.9) | 1.190 (30.2) |  |
| 20/21                | .773 (19.6)  | .940 (23.9)  | 1.080 (27.4) | 1.250 (31.8) |  |
| 22/23                | .800 (20.3)  | .980 (24.9)  | 1.140 (29.0) | 1.330 (33.8) |  |
| 24/25                | .823 (20.9)  | 1.010 (25.7) | 1.200 (30.5) | 1.400 (35.6) |  |
| 28                   | 1.041 (26.4) | 1.180 (30.0) | 1.480 (37.6) | 1.640 (41.7) |  |
| 32                   | 1.092 (27.7) | 1.370 (34.8) | 1.610 (40.9) | 1.880 (47.8) |  |

| TABLE V: CABLE ENTRY AND SHRINK BOOT |             |              |              |  |                 |
|--------------------------------------|-------------|--------------|--------------|--|-----------------|
| Shell Size                           | K Max       | L Max        | Cable Entry  |  | Shrink Boot *   |
|                                      |             |              | Min          |  |                 |
| 08                                   | .500 (12.7) | .688 (17.5)  | .250 (6.4)   |  | 770-001S103     |
| 10/11                                | .500 (12.7) | .803 (20.4)  | .355 (9.0)   |  | 770-001S103     |
| 12/13                                | .500 (12.7) | .938 (23.8)  | .491 (12.5)  |  | 770-001S104     |
| 14/15                                | .500 (12.7) | 1.063 (27.0) | .565 (14.4)  |  | 770-001S104     |
| 16/17                                | .500 (12.7) | 1.238 (31.4) | .690 (17.5)  |  | 770-001S106     |
| 18                                   | .500 (12.7) | 1.310 (33.3) | .769 (19.5)  |  | 770-001S106     |
| 20                                   | .500 (12.7) | 1.436 (36.5) | .844 (21.4)  |  | 770-001S107     |
| 22                                   | .500 (12.7) | 1.560 (39.6) | 1.019 (25.9) |  | 770-001S107     |
| 24                                   | .500 (12.7) | 1.686 (42.8) | 1.134 (28.8) |  | 770-001S108     |
| 28                                   | .687 (17.4) | 2.062 (52.4) | 1.369 (34.8) |  | 770-001S108     |
| 32                                   | .687 (17.4) | 2.312 (58.7) | 1.615 (41.0) |  | 770-001S109     |
| 36                                   | .687 (17.4) | 2.562 (65.1) | 1.830 (46.5) |  | Consult Factory |
| 40                                   | .687 (17.4) | 2.812 (71.4) | 2.045 (51.9) |  | Consult Factory |

\* Equivalent boot may be supplied in lieu of stated part number.

1. Cable Entry is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
2. See Shrink Boot Reference Information (page 40).
3. Metric dimensions (mm) are indicated in parentheses.
4. When using Connector Designator B refer to pages 18 and 19 for part number development.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Glenair:

[310AS034NF16](#) [310AS034M14](#) [310AS034M14T](#) [310DS034B12T](#) [310ES034C14T](#) [310ES034M16T](#)  
[310AS034M16T](#) [310AS034M20T](#) [310BS034B15A](#) [310BS034B21A](#) [310BS034N11TA-705](#) [310CS034NF18](#)  
[310DS034B08](#) [310DS034B10](#) [310DS034B12](#) [310DS034N10](#) [310DS034N20](#) [310DS034NF08](#) [310SS034B16](#)  
[310AS034B16](#) [310HS034NF23](#) [310HS034B25](#) [310AS034B24](#) [310DS034NF14](#) [310HS034ZNU15T](#) [310HS034M17T](#)  
[310DS034NF12](#) [310HS034M21](#) [310AS034B22](#) [310HS034B19](#) [310ES034C16-710](#) [310AS034NF08T](#)  
[310RS034N20](#) [310HS034Z109](#) [310AS034B14](#) [310BS034ZN16A](#) [310DS034B14T](#) [310HS034NF19](#) [310AS034NF12T](#)  
[310FS034B16](#) [310DS034N12](#) [310FS034NF10](#) [310FS034NF12](#) [310AS035NF1809](#) [310HS034NF17T](#)  
[310FS035NF1205](#) [310AS035NF1810](#) [310AS035NF2210](#) [310HS034NF17](#) [310HS036NF13](#) [310AS035NF2207](#)  
[310AS035NF2212](#) [310HS034M19](#) [310HS034N15](#) [310HS034Z109T](#) [310AS035NF2010](#) [310HS034NF15](#)  
[310FS034C10](#) [310HS034M09](#) [310HS034NF11](#) [310HS034NF13](#) [310JS034B24](#) [310DS034B14](#) [310BJ034ZN20A](#)  
[310DS034NF14-572AFB](#) [310ES034C12-710](#) [310ES034C14-710](#) [310HS034M25](#)