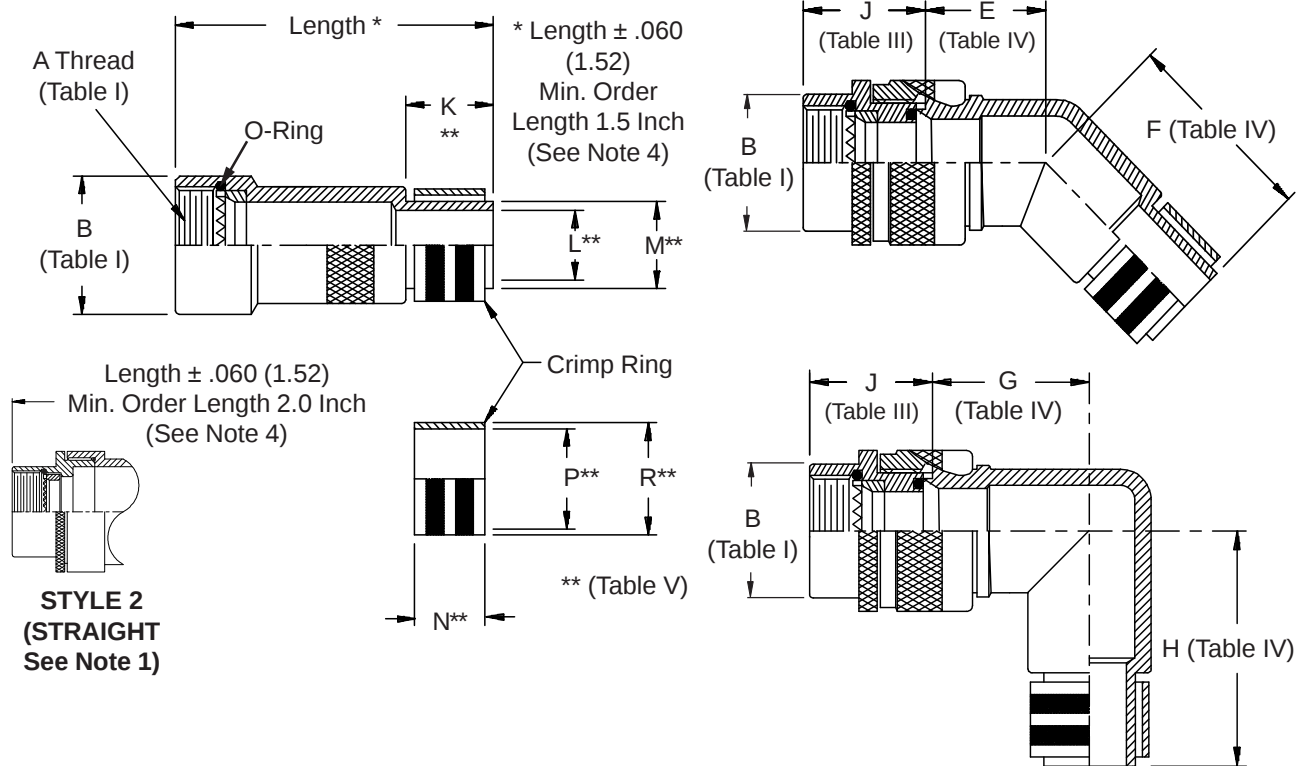


**CONNECTOR  
DESIGNATORS**  
**A-B\*-C-D-E-F**  
**G-H-J-K-L-S**

\* Conn. Desig. B See Note 5  
**DIRECT COUPLING**

Product Series — **440 F S 001 M 16 32-6**  
 Connector Designator —  
 Angle and Profile —  
   H = 45°  
   J = 90°  
   S = Straight  
 Basic Part No. —  
 Length: S only  
   (1/2 inch increments:  
   e.g. 6 = 3 inches)  
 Cable Entry (Table V)  
 Shell Size (Table I)  
 Finish (Table II)



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

1. When maximum cable entry (page 22- Introduction) is exceeded, Style 2 will be supplied. (Function S only).
2. For proper installation of crimp ring, use Thomas & Betts (or equivalent) installation dies listed (Table V) for each dash no.
3. Metric dimensions (mm) are indicated in parentheses.
4. Consult factory for shorter lengths on straight backshells.
5. When using Connector Designator B refer to pages 18 and 19 for part number development.

**440-001**  
**EMI/RFI Crimp Ring Adapter**  
**Direct Coupling - Standard Profile**



**440**

**TABLE III: FRONT ADAPTER**

| Shell Size | J Max - Conn. Designator |              |              |
|------------|--------------------------|--------------|--------------|
|            | A-E-F                    | 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: ELBOW DIMENSIONS**

| Dash No.'s<br>(Table V) | E<br>Max    | F<br>Max     | G<br>Max     | H<br>Max     |
|-------------------------|-------------|--------------|--------------|--------------|
| 06-23                   | .639 (16.2) | .702 (17.8)  | .750 (19.1)  | .812 (20.6)  |
| 26-30                   | .664 (16.9) | .732 (18.6)  | .812 (20.6)  | .875 (22.2)  |
| 31-32                   | .688 (17.5) | 1.040 (26.4) | .875 (22.2)  | 1.220 (31.0) |
| 33                      | .705 (17.9) | 1.070 (27.2) | .920 (23.4)  | 1.290 (32.8) |
| 34                      | .732 (18.6) | 1.090 (27.7) | .980 (24.9)  | 1.350 (34.3) |
| 35                      | .773 (19.6) | 1.100 (27.9) | 1.020 (25.9) | 1.370 (34.8) |
| 36                      | .800 (20.3) | 1.160 (29.5) | 1.140 (29.0) | 1.510 (38.4) |
| 38-39                   | .823 (20.9) | 1.190 (30.2) | 1.200 (30.5) | 1.580 (40.1) |

**TABLE V: CABLE ENTRY**

| Dash No. | K<br>Nom    | L<br>Nom     | M<br>Nom     | N<br>Nom    | P<br>Nom     | R<br>Nom     | Color<br>Code<br>(Ref.) | Inst. Tool<br>Die No.<br>(Note 2) |
|----------|-------------|--------------|--------------|-------------|--------------|--------------|-------------------------|-----------------------------------|
| 06       | .312 (7.9)  | .090 (2.3)   | .113 (2.9)   | .250 (6.4)  | .156 (4.0)   | .194 (4.9)   | Yellow                  | WT402                             |
| 10       | .312 (7.9)  | .124 (3.1)   | .145 (3.7)   | .250 (6.4)  | .187 (4.7)   | .227 (5.8)   | Orange                  | WT406                             |
| 13       | .312 (7.9)  | .149 (3.8)   | .179 (4.5)   | .250 (6.4)  | .225 (5.7)   | .256 (6.5)   | Purple                  | WT409                             |
| 16       | .312 (7.9)  | .175 (4.4)   | .215 (5.5)   | .250 (6.4)  | .261 (6.6)   | .297 (7.5)   | Yellow                  | WT411                             |
| 20       | .312 (7.9)  | .219 (5.6)   | .250 (6.4)   | .250 (6.4)  | .297 (7.5)   | .335 (8.5)   | Green                   | WT414                             |
| 23       | .312 (7.9)  | .250 (6.4)   | .281 (7.1)   | .250 (6.4)  | .327 (8.3)   | .372 (9.4)   | Tin                     | WT416                             |
| 26       | .312 (7.9)  | .275 (7.0)   | .306 (7.8)   | .250 (6.4)  | .375 (9.5)   | .406 (10.3)  | Yellow                  | WT440/5451                        |
| 29       | .312 (7.9)  | .297 (7.5)   | .335 (8.5)   | .250 (6.4)  | .405 (10.3)  | .453 (11.5)  | Red                     | WT440/5452                        |
| 30       | .312 (7.9)  | .312 (7.9)   | .365 (9.3)   | .250 (6.4)  | .425 (10.8)  | .473 (12.0)  | Tin                     | WT440/5454                        |
| 31       | .312 (7.9)  | .375 (9.5)   | .406 (10.3)  | .250 (6.4)  | .500 (12.7)  | .560 (14.2)  | Green                   | WT440/5457                        |
| 32       | .600 (15.2) | .430 (10.9)  | .500 (12.7)  | .440 (11.2) | .590 (15.0)  | .670 (17.0)  | Red                     | GS590                             |
| 33       | .600 (15.2) | .550 (14.0)  | .620 (15.7)  | .440 (11.2) | .710 (18.0)  | .790 (20.1)  | Blue                    | GS710                             |
| 34       | .600 (15.2) | .670 (17.0)  | .750 (19.1)  | .440 (11.2) | .840 (21.3)  | .920 (23.4)  | Gray                    | GS840                             |
| 35       | .600 (15.2) | .810 (20.6)  | .880 (22.4)  | .440 (11.2) | 1.010 (25.7) | 1.090 (27.7) | Brown                   | GS1010                            |
| 36       | .600 (15.2) | .920 (23.4)  | 1.000 (25.4) | .440 (11.2) | 1.130 (28.7) | 1.210 (30.7) | Green                   | GS1130                            |
| 38       | .600 (15.2) | 1.040 (26.4) | 1.120 (28.4) | .440 (11.2) | 1.250 (31.8) | 1.330 (33.8) | Pink                    | GS1250                            |
| 39       | .600 (15.2) | 1.122 (28.5) | 1.192 (30.3) | .440 (11.2) | 1.332 (33.8) | 1.412 (35.9) | Orange                  | GS1332                            |
| 40       | .600 (15.2) | 1.224 (31.1) | 1.294 (32.9) | .440 (11.2) | 1.440 (36.6) | 1.520 (38.6) | Purple                  | GS1440                            |
| 41       | .600 (15.2) | 1.353 (34.4) | 1.423 (36.1) | .440 (11.2) | 1.562 (39.7) | 1.643 (41.7) | Yellow                  | GS1563                            |
| 42       | .600 (15.2) | 1.425 (36.2) | 1.545 (39.2) | .440 (11.2) | 1.670 (42.4) | 1.750 (44.5) | Red                     | GS1670                            |
| 43       | .600 (15.2) | 1.550 (39.4) | 1.670 (42.4) | .440 (11.2) | 1.795 (45.6) | 1.875 (47.6) | Blue                    | GS1795                            |
| 44       | .600 (15.2) | 1.675 (42.5) | 1.795 (45.6) | .440 (11.2) | 1.920 (48.8) | 2.000 (50.8) | Gray                    | GS1920                            |
| 45       | .600 (15.2) | 1.800 (45.7) | 1.920 (48.8) | .440 (11.2) | 2.045 (51.9) | 2.125 (54.0) | Brown                   | GS2045                            |
| 46       | .600 (15.2) | 1.925 (48.9) | 2.045 (51.9) | .440 (11.2) | 2.170 (55.1) | 2.250 (57.2) | Green                   | GS2170                            |
| 47       | .600 (15.2) | 2.050 (52.1) | 2.170 (55.1) | .440 (11.2) | 2.295 (58.3) | 2.375 (60.3) | Pink                    | GS2295                            |
| 48       | .600 (15.2) | 2.175 (55.2) | 2.295 (58.3) | .440 (11.2) | 2.420 (61.5) | 2.500 (63.5) | Orange                  | GS2420                            |
| 49       | .600 (15.2) | 2.300 (58.4) | 2.420 (61.5) | .440 (11.2) | 2.545 (64.6) | 2.625 (66.7) | Purple                  | GS2545                            |
| 50       | .600 (15.2) | 2.425 (61.6) | 2.545 (64.6) | .440 (11.2) | 2.670 (67.8) | 2.750 (69.9) | Yellow                  | GS2670                            |
| 51       | .600 (15.2) | 2.530 (64.3) | 2.670 (67.8) | .440 (11.2) | 2.795 (71.0) | 2.875 (73.0) | Red                     | GS2795                            |
| 52       | .600 (15.2) | 2.655 (67.4) | 2.795 (71.0) | .440 (11.2) | 2.920 (74.2) | 3.000 (76.2) | Blue                    | GS2920                            |
| 53       | .600 (15.2) | 2.780 (70.6) | 2.920 (74.2) | .440 (11.2) | 3.045 (77.3) | 3.125 (79.4) | Gray                    | GS3045                            |
| 54       | .600 (15.2) | 2.905 (73.8) | 3.045 (77.3) | .440 (11.2) | 3.170 (80.5) | 3.250 (82.6) | Brown                   | GS3170                            |

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