CONNECTOR DESIGNATOR

G

ROTATABLE COUPLING

TYPE B INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION

380 G S 116 M 17 10 A 6

Product Series
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)
Strain Relief Style (H, A, M, D)
Cable Entry (Tables X, XI)
Shell Size (Table I)
Finish (Table II)

STYLE 2
(STRAIGHT
See Note 1)

LENGTH ± .060 (1.52)
Min. Order Length 3.0 Inch
(See Note 4)

STYLE 2
(45° & 90°
See Note 1)

LENGTH ± .060 (1.52)
1.25 (31.8)
Max

STYLE H
Heavy Duty
(Table X)

STYLE A
Medium Duty
(Table XI)

STYLE M
Medium Duty
(Table XI)

STYLE D
Medium Duty
(Table XI)

Length ± .060 (1.52)
Min. Order Length 2.5 Inch
(See Note 4)

Length ± .060 (1.52)
Min. Order Length 3.0 Inch
(See Note 4)

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(See Note 4)

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Min. Order Length 3.0 Inch
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Min. Order Length 3.0 Inch
(See Note 4)
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.

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**TABLE III: ELBOW DIMENSIONS**

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>E Max</th>
<th>F Max</th>
<th>G Max</th>
<th>H Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>1.240 (31.5)</td>
<td>.980 (24.9)</td>
<td>1.380 (35.1)</td>
<td>1.120 (28.4)</td>
</tr>
<tr>
<td>13</td>
<td>1.260 (32.0)</td>
<td>1.000 (25.4)</td>
<td>1.440 (36.6)</td>
<td>1.180 (30.0)</td>
</tr>
<tr>
<td>15</td>
<td>1.290 (32.8)</td>
<td>1.030 (26.2)</td>
<td>1.500 (38.1)</td>
<td>1.250 (31.8)</td>
</tr>
<tr>
<td>17</td>
<td>1.310 (33.3)</td>
<td>1.050 (26.7)</td>
<td>1.570 (39.9)</td>
<td>1.310 (33.3)</td>
</tr>
<tr>
<td>19</td>
<td>1.340 (34.0)</td>
<td>1.080 (27.4)</td>
<td>1.630 (41.4)</td>
<td>1.390 (35.3)</td>
</tr>
<tr>
<td>23</td>
<td>1.380 (35.1)</td>
<td>1.120 (28.4)</td>
<td>1.730 (43.9)</td>
<td>1.470 (37.3)</td>
</tr>
<tr>
<td>25</td>
<td>1.410 (35.8)</td>
<td>1.150 (29.2)</td>
<td>1.800 (45.7)</td>
<td>1.540 (39.1)</td>
</tr>
<tr>
<td>29</td>
<td>1.580 (40.1)</td>
<td>1.320 (33.5)</td>
<td>2.040 (51.8)</td>
<td>1.780 (45.2)</td>
</tr>
<tr>
<td>33</td>
<td>1.620 (41.1)</td>
<td>1.360 (34.5)</td>
<td>2.130 (54.1)</td>
<td>1.870 (47.5)</td>
</tr>
</tbody>
</table>

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.

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**TABLE X: CABLE ENTRY**

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

**TABLE XI: CABLE ENTRY**

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

* Not available in Style M clamp. ** Not Applicable Style D