390-059
Splash-Proof EMI/RFI Cable Sealing Backshell
Light-Duty with Strain Relief
Type C - Self-Locking Rotatable Coupling - Standard Profile

CONNECTION DESIGNATORS
A-F-H-L-S
SELF-LOCKING
ROTATABLE COUPLING

TYPE C OVERALL SHIELD TERMINATION

Product Series
Connector Designator
Angle and Profile
J = 90°
H = 45°
S = Straight
Basic Part No.

Length: S only
(1/2 inch increments:
e.g. 6 = 3 inches)
Strain Relief Style (L, G)
Cable Entry (Table IV)
Shell Size (Table I)
Finish (Table II)

A Thread
(Table I)
E Typ.
(Table I)

Anti-Rotation Device

H
(Table III)
J
(Table III)

STYLE L
Light Duty
(Table IV)

STYLE G
Light Duty
(Table IV)

J = 90°
H = 45°
S = Straight

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

F
(Table III)
G (Table III)

1.00 (25.4)
Max

1.00 (25.4)
Max

.850 (21.6)
Max

.072 (1.8)
Max

O-Rings

Length *
.312 (7.9)
Max

* Length ± .060 (1.52)
Minimum Order Length 2.0 Inch
(See Note 4)

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### TABLE III: ELBOW DIMENSIONS

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>Conn. Desig.</th>
<th>F Max</th>
<th>G Max</th>
<th>H Max</th>
<th>J Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 A-F-L-S</td>
<td>09</td>
<td>.795</td>
<td>2.210</td>
<td>.906</td>
<td>2.080</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>.820</td>
<td>2.270</td>
<td>.966</td>
<td>2.120</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>.844</td>
<td>2.330</td>
<td>1.026</td>
<td>2.090</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>.861</td>
<td>2.420</td>
<td>1.076</td>
<td>2.090</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
<td>.888</td>
<td>2.530</td>
<td>1.136</td>
<td>2.130</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
<td>.904</td>
<td>2.720</td>
<td>1.176</td>
<td>2.250</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>.929</td>
<td>2.720</td>
<td>1.236</td>
<td>2.180</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>.956</td>
<td>2.870</td>
<td>1.296</td>
<td>2.240</td>
</tr>
<tr>
<td>24</td>
<td>25</td>
<td>.979</td>
<td>2.870</td>
<td>1.356</td>
<td>2.170</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>1.197</td>
<td>3.020</td>
<td>1.636</td>
<td>2.320</td>
</tr>
<tr>
<td>32</td>
<td>33</td>
<td>1.280</td>
<td>3.270</td>
<td>1.780</td>
<td>2.570</td>
</tr>
<tr>
<td>36</td>
<td>37</td>
<td>1.294</td>
<td>3.500</td>
<td>1.876</td>
<td>2.800</td>
</tr>
</tbody>
</table>

### TABLE IV: CABLE ENTRY

<table>
<thead>
<tr>
<th>Dash No.</th>
<th>K Max</th>
<th>L Max</th>
<th>Cable Range</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>.781</td>
<td>(19.8)</td>
<td>.593 (15.1)</td>
<td>.062 (1.6)</td>
<td>.125 (3.2)</td>
</tr>
<tr>
<td>02</td>
<td>.968</td>
<td>(24.6)</td>
<td>.718 (18.2)</td>
<td>.125 (3.2)</td>
<td>.250 (6.4)</td>
</tr>
<tr>
<td>03</td>
<td>1.046</td>
<td>(26.6)</td>
<td>.843 (21.4)</td>
<td>.250 (6.4)</td>
<td>.375 (9.5)</td>
</tr>
<tr>
<td>04</td>
<td>1.156</td>
<td>(29.4)</td>
<td>.968 (24.6)</td>
<td>.375 (9.5)</td>
<td>.500 (12.7)</td>
</tr>
<tr>
<td>05</td>
<td>1.218</td>
<td>(30.9)</td>
<td>1.109 (28.2)</td>
<td>.500 (12.7)</td>
<td>.625 (15.9)</td>
</tr>
<tr>
<td>06</td>
<td>1.343</td>
<td>(34.1)</td>
<td>1.218 (30.9)</td>
<td>.625 (15.9)</td>
<td>.750 (19.1)</td>
</tr>
<tr>
<td>07</td>
<td>1.468</td>
<td>(37.3)</td>
<td>1.343 (34.1)</td>
<td>.750 (19.1)</td>
<td>.875 (22.2)</td>
</tr>
<tr>
<td>08</td>
<td>1.593</td>
<td>(40.5)</td>
<td>1.468 (37.3)</td>
<td>.875 (22.2)</td>
<td>1.000 (25.4)</td>
</tr>
<tr>
<td>09</td>
<td>1.718</td>
<td>(43.6)</td>
<td>1.593 (40.5)</td>
<td>1.000 (25.4)</td>
<td>1.125 (28.6)</td>
</tr>
<tr>
<td>10</td>
<td>1.843</td>
<td>(46.8)</td>
<td>1.718 (43.6)</td>
<td>1.125 (28.6)</td>
<td>1.250 (31.8)</td>
</tr>
</tbody>
</table>

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions F, G, H and J 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.
5. Interface O-Ring not supplied with Connector Designator A.