390-058
Submersible EMI/RFI Cable Sealing Backshell
with Strain Relief
Type E - Self Locking Rotatable Coupling - Low Profile

CONNECTOR DESIGNATORS
A-F-H-L-S

SELF-LOCKING
ROTATABLE COUPLING

TYPE E INDIVIDUAL
AND/OR OVERALL
SHIELD TERMINATION

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

Style 2
STRAIGHT
See Note 1

Style 2
(45° & 90°
See Note 1)

Style H
Heavy Duty
(Table X)

Style A
Medium Duty
(Table XI)

Style M
Medium Duty
(Table XI)

Style D
Medium Duty
(Table XI)

Connectors and Designations

Product Series
Connector Designator
Angle and Profile
M = 45°
N = 90°
S = Straight
Basic Part No.
Finish (Table II)
Length: S only
(1/2 inch increments:
e.g. 6 = 3 inches)
Strain Relief Style (H, A, M, D)
Termination (Note 6)
D = 2 Rings, T = 3 Rings
Cable Entry (Tables X, XI)
Shell Size (Table I)

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Series 39 - Page 56
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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.

6. Designate Symbol T for 3 ring termination of individual and overall braid. Designate D for standard 2 ring termination of individual or overall braid.

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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</td>
<td>(19.8)</td>
<td>.957 (24.3)</td>
</tr>
<tr>
<td>06</td>
<td>.780</td>
<td>(19.8)</td>
<td>1.145 (29.1)</td>
</tr>
<tr>
<td>08</td>
<td>.780</td>
<td>(19.8)</td>
<td>1.332 (33.8)</td>
</tr>
<tr>
<td>10</td>
<td>.780</td>
<td>(19.8)</td>
<td>1.332 (33.8)</td>
</tr>
<tr>
<td>12</td>
<td>.811</td>
<td>(20.6)</td>
<td>1.551 (39.4)</td>
</tr>
<tr>
<td>14</td>
<td>.905</td>
<td>(23.0)</td>
<td>1.770 (45.0)</td>
</tr>
<tr>
<td>16</td>
<td>1.092</td>
<td>(27.7)</td>
<td>2.113 (53.7)</td>
</tr>
<tr>
<td>20</td>
<td>1.124</td>
<td>(28.5)</td>
<td>2.363 (60.0)</td>
</tr>
<tr>
<td>24</td>
<td>1.399</td>
<td>(35.5)</td>
<td>2.770 (70.4)</td>
</tr>
<tr>
<td>28</td>
<td>1.399</td>
<td>(35.5)</td>
<td>3.020 (76.7)</td>
</tr>
</tbody>
</table>

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### 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</td>
<td>(11.1)</td>
<td>.760</td>
<td>(19.3)</td>
<td>.843 (21.4)</td>
</tr>
<tr>
<td>04*</td>
<td>.437</td>
<td>(11.1)</td>
<td>.760</td>
<td>(19.3)</td>
<td>.906 (23.0)</td>
</tr>
<tr>
<td>06*</td>
<td>.500</td>
<td>(12.7)</td>
<td>.760</td>
<td>(19.3)</td>
<td>1.093 (27.8)</td>
</tr>
<tr>
<td>08</td>
<td>.563</td>
<td>(14.3)</td>
<td>.760</td>
<td>(19.3)</td>
<td>1.187 (30.1)</td>
</tr>
<tr>
<td>10</td>
<td>.563</td>
<td>(14.3)</td>
<td>.760</td>
<td>(19.3)</td>
<td>1.281 (32.5)</td>
</tr>
<tr>
<td>12</td>
<td>.563</td>
<td>(14.3)</td>
<td>.760</td>
<td>(19.3)</td>
<td>1.500 (38.1)</td>
</tr>
<tr>
<td>16</td>
<td>.656</td>
<td>(16.7)</td>
<td>1.073</td>
<td>(27.3)</td>
<td>1.719 (43.7)</td>
</tr>
<tr>
<td>20</td>
<td>.656</td>
<td>(16.7)</td>
<td>1.323</td>
<td>(33.6)</td>
<td>2.062 (52.4)</td>
</tr>
<tr>
<td>24</td>
<td>.656</td>
<td>(16.7)</td>
<td>1.323</td>
<td>(33.6)</td>
<td>2.312 (58.7)</td>
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<tr>
<td>28</td>
<td>1.188</td>
<td>(30.2)</td>
<td>1.572</td>
<td>(39.9)</td>
<td>2.719 (69.1)</td>
</tr>
<tr>
<td>32*</td>
<td>1.187</td>
<td>(30.1)</td>
<td>1.572</td>
<td>(39.9)</td>
<td>2.969 (75.4)</td>
</tr>
<tr>
<td>40*</td>
<td>1.125</td>
<td>(28.6)</td>
<td>1.572</td>
<td>(39.9)</td>
<td>3.531 (89.7)</td>
</tr>
</tbody>
</table>

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

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