CONNECTOR DESIGNATORS
A-F-H-L-S
ROTATABLE COUPLING

TYPE F INDIVIDUAL
AND/OR OVERALL
SHIELD TERMINATION

Product Series
Connector Designator
Angle and Profile
M = 45°
N = 90°
See page 38-104 for straight

Strain Relief Style
(H, A, M, D)
Cable Entry (Table X, XI)
Shell Size (Table I)
Finish (Table II)
Basic Part No.

A Thread
(Table I)
E
(Table III)
C Typ.
(Table I)
.88 (22.4)
Max

STYLE 2
(See Note 1)

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Series 38 - Page 106

EMI/RFI Non-Environmental Backshell
with Strain Relief
Type F - Rotatable Coupling - Full Radius Profile

380-103

STYLE H
Heavy Duty
(Table X)

STYLE A
Medium Duty
(Table XI)

STYLE M
Medium Duty
(Table XI)

STYLE D
Medium Duty
(Table XI)

Cable Range

Cable Range

Cable Range

Cable Entry

.135 (3.4)
Max

Max
### TABLE III: ELBOW DIMENSIONS

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>Conn. Design.</th>
<th>E (Max)</th>
<th>F (Max)</th>
<th>G (Max)</th>
<th>H (Max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08</td>
<td>09</td>
<td>.812</td>
<td>.875</td>
<td>1.094</td>
<td>1.188</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>.875</td>
<td>.938</td>
<td>1.000</td>
<td>1.125</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>.938</td>
<td>1.000</td>
<td>1.375</td>
<td>1.312</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>1.000</td>
<td>1.062</td>
<td>1.500</td>
<td>1.398</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
<td>1.062</td>
<td>1.125</td>
<td>1.625</td>
<td>1.488</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
<td>1.156</td>
<td>1.250</td>
<td>2.000</td>
<td>1.812</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>1.188</td>
<td>1.312</td>
<td>2.125</td>
<td>2.188</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>1.250</td>
<td>1.312</td>
<td>2.125</td>
<td>2.188</td>
</tr>
<tr>
<td>24</td>
<td>25</td>
<td>1.344</td>
<td>1.625</td>
<td>2.375</td>
<td>2.625</td>
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<tr>
<td>28</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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 accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.

### TABLE IV: 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>
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<tr>
<td>24</td>
<td>1.124 (28.5)</td>
<td>2.636 (60.0)</td>
<td>1.000 (25.4) 1.375 (34.9)</td>
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<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>
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<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>

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

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