<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>WIRE RANGE</th>
<th>DIM. A</th>
<th>DIM. B</th>
<th>DIM. C</th>
<th>DIM. D</th>
<th>DIM. E</th>
<th>DIM. F</th>
<th>MAX. INSULATION DIAMETER</th>
<th>PLATING</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>428150011</td>
<td>12 &amp; 10 AWG (5 &amp; 6mm²)</td>
<td>5.40±.60</td>
<td>6.10±.40</td>
<td>R 1.70</td>
<td>5.90±.60</td>
<td>6.60±.40</td>
<td>R 2.20</td>
<td>5.30 DIA.</td>
<td>OVERALL TIN</td>
<td>PLANNED FOR OBsolescence</td>
</tr>
<tr>
<td>428150031</td>
<td>8 AWG</td>
<td>5.83±.60</td>
<td>7.42±.40</td>
<td>R 1.70</td>
<td>6.00±.60</td>
<td>5.50±.40</td>
<td>R 2.20</td>
<td>6.60 DIA.</td>
<td>SELECT GOLD</td>
<td>ACTIVE</td>
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<tr>
<td>428150012</td>
<td>12 &amp; 10 AWG (5 &amp; 6mm²)</td>
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<td>6.10±.40</td>
<td>R 1.70</td>
<td>5.90±.60</td>
<td>6.60±.40</td>
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<td>5.50±.40</td>
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<td>SELECT SILVER</td>
<td>ACTIVE</td>
</tr>
<tr>
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<td>R 1.70</td>
<td>5.90±.60</td>
<td>6.60±.40</td>
<td>R 2.20</td>
<td>5.30 DIA.</td>
<td>OVERALL TIN</td>
<td>PLANNED FOR OBsolescence</td>
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<tr>
<td>428150134</td>
<td>8 AWG</td>
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<td>7.42±.40</td>
<td>R 1.70</td>
<td>6.00±.60</td>
<td>5.50±.40</td>
<td>R 2.20</td>
<td>6.60 DIA.</td>
<td>OVERALL TIN</td>
<td>PLANNED FOR OBsolescence</td>
</tr>
</tbody>
</table>

**Notes:**

1) MATERIAL: COPPER ALLOY 151, .020/.(50) THICK.

2) PLATING:
   1 = .001000/(.00254) MIN. TGN OVER .000050/.(0127) MIN. NICKEL.
   2 = .000500/.(0020) MIN. SELECT GOLD IN CONTACT AREA.
   .001000/.(00254) MIN. SELECT TIN ON SOLDER TAILS OVER .000050/.(0127) MIN. NICKEL.
   4 = .001000/(.00254) MIN. SELECT SILVER IN CONTACT AREA.
   .001000/.(00254) MIN. SELECT TIN ON SOLDER TAILS OVER .000050/.(0127) MIN. NICKEL.

3) PRODUCT SPEC: PS-42815-001

4) PACKAGING INFORMATION: PK-42815-001.

5) PART IS DESIGNED IN METRIC.

6) TERMINALS FOR USE WITH STRANDED WIRE ONLY.

7) ITEM NUMBERS PRECEEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.

8) THE 8 AWG TERMINAL HAS NO INSULATION CRIMP. THE SECONDARY CRIMP SECTION ACTS AS A STRAIN RELIEF ON THE BARE CONDUCTOR ONLY. SEE MOLEX CRIMP SPECIFICATION FOR DETAILS.

9) AFTER CRIMPING, THIS DIMENSION IS .140/(3.55) MINIMUM.

10) WHEN USING THE 8 AWG TERMINAL WITH "SUPERFLEX WIRE", MOLEX STRONGLY RECOMMENDS THAT THE APPROPRIATELY RATED HEAT SHRINK INSULATION BE APPLIED OVER THE WIRE INSULATED AND CRIMP AREA, AS SHOWN, TO MINIMIZE WIRE INSULATION CREEPAGE OUTSIDE OF HOUSING.

11) THE 8AWG TERMINAL WILL ALSO ACCOMODATE 2 12AWG WIRES SEE CRIMP SPEC FOR DETAILS.

12) PARTS CONFORM TO CLASS B REQUIREMENT OF COSMETIC SPEC PS-45499-002.

13) FOR PLATING OPTION 2 SEE NOTE 2 (OVERALL TIN PLATED PARTS), FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS TO USE Nye LUBRICANT, NYOGEAL 760G LUBRICANT ON THE MATING AREA. AFTER THE TERMINALS ARE INSERTED INTO THE HOUSING, REFER AS-42815-001 FOR ADDITIONAL INFORMATION.

14) THIS DRAWING REPLACES SD-42815-* REV. J AND 428150000 REV. A.