NOTES:
1. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE WITH MATING CONNECTORS.
2. ALL CIRCUITS MUST HAVE CONTINUITY.
3. SHORT, OPEN, OR CROSSED CIRCUITS ARE NOT PERMISSIBLE.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. REFERENCE PAVE DRAWING# 5045 FOR COMPLETE SUB-ASSEMBLY DETAILS.
7. APPLY IDENTIFICATION LABEL APPROXIMATELY WHERE SHOWN, INFORMATION PRINTED ON LABEL AS FOLLOWS:
   LINE 1 = "PAVE TECHNOLOGY CO."
   LINE 2 = "5025 REV A"
   LINE 3 = MFG DATE: MM/DD/YY R (R = PAVE REV LEVEL)
   LINE 4 = "DAYTON OHIO U.S.A."
8. PARTS SHALL BE PACKAGED TO PREVENT DUST, DIRT, CARDBOARD, GREASE, ETC. FROM CONTAMINATING THE WIRING HARNESS. DIMENSIONS ARE INCHES [millimeters].
9. REF-5045-1 LEAK TEST: 80 PSI, NO BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   \[
   \text{SEAL DIAMETER: } \theta \text{, MAX ALLOWED VOID SIZE} \\
   \leq 0.035 \text{ [0.89]} \\
   \geq 0.040 \text{ [1.5]} \\
   \text{OPERATING TEMPERATURE RANGE -20°C TO 125°C.}
   \]

REFERENCE CONNECTOR POSITIONS, VIEWED FROM MATING SURFACE

WIRE PIN-OUT TABLE

<table>
<thead>
<tr>
<th>ITEM#</th>
<th>POSITION</th>
<th>WIRE COLOR</th>
<th>ITEM#</th>
<th>POSITION</th>
</tr>
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<tbody>
<tr>
<td>2</td>
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<td>RED</td>
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<tr>
<td>2</td>
<td>F</td>
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</table>

**SEE NOTE 7**

A **SEE NOTE 6**

REF-5045 OPERATING TEMPERATURE RANGE -20°C TO 125°C.

ITEM | QTY | PART NUMBER | DESCRIPTION
--- | --- | ----------- | --------------
15 | 1 | TH1-10-427-3 | LABEL SELF-LAMINATING WHITE VINYL 1 INCH LONG
14 | 1 | 602-PVC105-0-100BK | TUBING NON-SHRINKABLE PVC ASTM D922, GRADE C BLACK, .025 ID X .020 WALL
13 | 1 | 174817-1 | INSULATION SLEEVE TE CONNECTIVITY 250 SERIES POSITIVE LOCK-EX PVC BLUE
12 | 1 | 175022-1 | TERMINAL FEMALE TE CONNECTIVITY 250 SERIES POSITIVE LOCK-EX TIN PLATED BRASS
11 | 1 | 174737-2 | INSULATION SLEEVE TE CONNECTIVITY 187 SERIES POSITIVE LOCK-EX PVC BLUE
10 | 1 | 174737-2 | INSULATION SLEEVE TE CONNECTIVITY 187 SERIES POSITIVE LOCK-EX PVC BLUE
9 | 2 | 42100-2 | TERMINAL FEMALE TE CONNECTIVITY 250 SERIES FASTIN-FASTON TIN PLATED BRASS
8 | 1 | 346027-1 | RECEPTACLE HOUSING TE CONNECTIVITY 2 WAY FASTIN-FASTON
7 | 2 | 171637-1 | CONTACT SOCKET TE CONNECTIVITY MINI MATE-N-LOCK 20-16AWG TIN PLATED BRASS
6 | 1 | 172233-1 | CONNECTOR TE CONNECTIVITY 2 POS MINI MATE-N-LOCK
5 | 1 | 12052850 | LOCK SECONDARY TPA DELPHI 6 WAY MEDIUM GRAY METRI-PACK 15D
4 | 6 | 15324973 | CABLE SEAL, TAP, SPLICED METRI-PACK INDIVIDUAL ROUND RED SICONE
3 | 6 | 12045773 | TANG TERMINAL MALE SEALED DELPHI METRI-PACK, 150 TIN PLATED COPPER ALLOY
2 | 1 | 12124107 | CONNECTOR DELPHI 6 WAY BLACK METRI-PACK, 150 SEALED MALE 14 AMPS MAX
1 | 1 | 5045-1 | SPF12-E-150-6-TZ18-7-8

**WIRE PIN-OUT TABLE**

<table>
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<tr>
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**NOTE**: 2.504±.197

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<td>SPF12-E-150-6-TZ18-7-8</td>
<td>SPF12 INSTALLATION PORT</td>
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</tbody>
</table>

SCALE: 2:3

RECOMMENDED RETAINING RING TRUARC #5100-75 OR EQUAL