1. **PLUG MATERIAL:**
   - SHELL: ZINC ALLOY, NICKEL PLATED
   - COUPLING RING: ALUMINUM ALLOY, ANODIZE
   - SEAL: SILICONE RUBBER
2. **BACKSHELL MATERIAL:**
   - SHELL: ALUMINIUM ALLOY, NICKEL PLATED;
   - LATCH SEGMENT: ALUMINIUM ALLOY, NICKEL PLATED;
   - SCREW AND LOCK WASHER: STAINLESS STEEL;
   - BUSHING: EPDM
3. **SPECIFICATIONS:**
   3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
   3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
   3.4 MOISTURE RESISTANCE:
      - IP68 (M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION);
      - IP69K (MATED CONDITION).
   3.5 MATING CYCLE DURABILITY: 100 CYCLES
   3.6 RoHS COMPLIANT
4. **APPLY TO CABLE OD SIZE:** Ø11.2-Ø24.0. CAN BE USED:
   4.1 WITH LARGE AND SMALL BUSHINGS IN PLACE.
   4.2 WITH ONLY LARGE BUSHING IN PLACE.
   4.3 WITH BOTH BUSHINGS REMOVED.
5. **ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.**
6. **SEE SPECIFIC PLUG DRAWING FOR:**
   6.1 CONTACT SIZE AND WIRE RANGE.
   6.2 RETAINING RING COLOR.
   6.3 MATING PART(S).
   6.4 CONTACT LAYOUT AND ALL OTHER SPECIFICATIONS.

**NOTES:** UNLESS OTHERWISE SPECIFIED

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**MATERIALS LIST**

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<tr>
<th>ITEM</th>
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<tr>
<td><strong>AHDMS-24-059</strong></td>
<td>KIT W/ CABLE CLAMP BACKSHELL</td>
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<td><strong>AHDM06-24-23PT</strong></td>
<td>PLUG</td>
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**REVISIONS**

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<td>RELEASE NEW DRAWING</td>
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<td>MILO</td>
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