NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.
2. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER, COLOR: YELLOW
3. MODIFICATIONS: REDUCED DIAMETER WIRE SEAL
4. SPECIFICATIONS:
   4.1 CURRENT RATING: 13 AMPS
   4.2 OPERATING TEMPERATURE: -55°C TO +125°C.
   4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
      MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC
   4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
   4.5 MOISTURE RESISTANCE: IP67/IP69K (MATED CONDITION)
   4.6 MATING CYCLE DURABILITY: 100 CYCLES
   4.7 RoHS COMPLIANT
5. MATING PART: ATV02-18PX* RECEPTACLE & ATV04-18PX* RECEPTACLE
   (X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONTACT SIZE AND REAR SEAL WIRE RANGE:

<table>
<thead>
<tr>
<th>CONTACT SIZE</th>
<th>MIN. INSUL. O.D.</th>
<th>MAX. INSUL. O.D.</th>
<th>TYPICAL WIRE RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>1.12 mm (.044 in)</td>
<td>2.31 mm (.090 in)</td>
<td>16 - 22 AWG</td>
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REVISIONS

<table>
<thead>
<tr>
<th>REV</th>
<th>ECO</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>BY</th>
<th>APPR</th>
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<tbody>
<tr>
<td>A1</td>
<td>-</td>
<td>RELEASE DRAWING</td>
<td>2SU18</td>
<td>RMC0</td>
<td>TOMMY</td>
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<tr>
<td>A2</td>
<td>-</td>
<td>UPDATE NOTES</td>
<td>1FEB19</td>
<td>Sullen</td>
<td>TOMMY</td>
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MATERIALS LIST

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<tr>
<th>QUANTITY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tr>
<td></td>
<td>ATV06-18SX-RR01</td>
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</table>

Sine Systems - www.amphenol-sine.com
41924 Morley Drive
Clinton Township, MI 48036