NOTES: (UNLESS OTHERWISE SPECIFIED)
1. MATERIAL:
   SHELL: THERMOPLASTIC, UL94 V-O.
   INSERT: THERMOPLASTIC, UL94 V-O.
   O-RING: NBR/SILICONE RUBBER.
   BACK SHELL: THERMOPLASTIC, UL94 V-O.
   CLAMP NUT: THERMOPLASTIC, UL94 V-O.
   CLAMP RING: THERMOPLASTIC, UL94 V-O.
   CABLE SEAL: EPDM.
2. SPECIFICATIONS:
   2.1 RATED CURRENT: 23A (MAX).
   2.2 RATED VOLTAGE: 500V (AC/DC).
   2.3 OPERATING TEMPERATURE: SEE TABLE.
   2.4 DIELECTRIC WIDTHSTANDING VOLTAGE: LESS THAN
      2 MILLIAMPS CURRENT LEAKAGE AT 2000 VOLTS AC.
   2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
   2.6 IP--CLASS: IP67 AND IP69K IN THE MATED CONDITION.
   2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.
   2.8 RoHS COMPLIANT.
3. SUITABLE CONTACTS: 2.5MM CONTACT.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
5. ADD LOCTITE TO RETAIN BACKSHELL DURING UN-MATING AND
   TO PROVIDE ADDITIONAL PROTECTION AGAINST VIBRATION.

DIMENSION ØA  CABLE OD RANGE
16.5 MM  10.0-16.0 MM
18.5 MM  12.0-18.0 MM

RTS1BS18*8Pxx

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RTS6BS18N9P</td>
<td>ECO-MATE RECPTACLE BACK SHELL, SIZE 18, 8POS, PIN.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KEY</th>
<th>PART NUMBER</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>RTS6BS18N9P</td>
<td>-40°C ~ +125°C</td>
</tr>
<tr>
<td></td>
<td>RTS6BS18N9P03</td>
<td>-40°C ~ +125°C</td>
</tr>
</tbody>
</table>

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

RELEASED DRAWING
Blink
Jun-21-2018
A1

Tod
Jun-21-2018

Tommy
Jun-21-2018

NONE

Amphenol
NC80011005A49---