NOTES: UNLESS OTHERWISE SPECIFIED

1. SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER, COLOR: RED

3. MODIFICATIONS: IN LINE
   STANDARD 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: ATV06-18SX* PLUG
   (X = A,B,C,D KEYS ; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

REQUIRE CONTACT RETENTION WEDGE AWV-18P

KEYWAY

<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>16</td>
<td>2.23 mm (.088 in)</td>
<td>3.68 mm (.146 in)</td>
<td>14 - 20 AWG</td>
</tr>
</tbody>
</table>

RECEP TACLE, IN LINE, 18 PIN, ATV SERIES
STANDARD DIAMETER WIRE SEAL
REVISIONS

REV  ECO  DESCRIPTION     DATE    BY     APPR
A1   -    RELEASE DRAWING 25MAY18 RIMOR TOMMY
A2   -    UPDATE NOTES    19FEB19 SULLEN TOMMY

PROCESS SPECIFICATIONS:
MATERIAL SPECIFICATIONS:

QUANTITY

APPROVAL:
ENGINEER:
CHECKED:
DRAWN:
SCALE:

PART NUMBER

DESCRIPTION DATE

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CUSTOMER:

NEXT ASS'Y:

NO. 44724 Morley Drive
Clinton Township, MI 48036
Sine Systems - www.amphenol-sine.com

RECEPTACLE, IN LINE, 18 PIN, ATV SERIES
STANDARD DIAMETER WIRE SEAL

COLOR PART NUMBER

KEYWAY (1) PLACE

KEYWAY (1) PLACE

KEYWAY (1) PLACE

KEYWAY (1) PLACE

KEY-A CONFIGURATION
COLOR PART NUMBER
GREY ATV04-18PA

KEY-B CONFIGURATION
COLOR PART NUMBER
BLACK ATV04-18PB

KEY-C CONFIGURATION
COLOR PART NUMBER
GREEN ATV04-18PC

KEY-D CONFIGURATION
COLOR PART NUMBER
BROWN ATV04-18PD

SEE CONFIGURATION CHART

MATERIALS LIST

QUANTITY
PART NUMBER
DESCRIPTION

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

RECEPTACLE, IN LINE, 18 PIN, ATV SERIES STANDARD DIAMETER WIRE SEAL

B C- ATV04-18PX A2

NONE