



| ITEM | P/N | CABLE OD RANGE | WIRE RANGE | NOTE |
|------|----------------------|----------------|--------------------|--------|
| 1 | ATHP061RS08NN-50 | 14.2~15.2 mm | 50 mm ² | BLACK |
| 2 | ATHP061RS08NN-35 | 10.7~11.7 mm | 35 mm ² | BLACK |
| 3 | ATHP061RS08NN-50-ORG | 14.2~15.2 mm | 50 mm ² | ORANGE |
| 4 | ATHP061RS08NN-35-ORG | 10.7~11.7 mm | 35 mm ² | ORANGE |

| REVISIONS | | | | | |
|-----------|-----|-----------------|-----------|-------|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | FIRST RELEASE | Jul.31,18 | White | Tommy |
| A2 | - | UPDATED DRAWING | Dec.11,18 | White | Tommy |

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
 - HOUSING: THERMOPLASTIC UL94 V0
 - SEAL: SILICONE RUBBER
 - NUT: THERMOPLASTIC UL94 V0
 - CONTACT: COPPER ALLOY,SILVER PLATED
- SPECIFICATIONS:
 - CURRENT RATING: 50 mm² @180 AMPS
35 mm² @130 AMPS
 - OPERATING VOLTAGE: 1000V AC/DC
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - CONTACT RESISTANCE: 0.3 mΩ
 - DEGREE OF PROTECTION: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 50 CYCLES
 - RoHS COMPLIANT
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| QUANTITY | PART NUMBER | DESCRIPTION | ITEM |
|--|-------------|--|------|
| MATERIALS LIST | | | |
| UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = | | SIGNATURES DATE DRAWN: White Dec.11,18 CHECKED: Tod Dec.11,18 ENGINEER: APPROVAL: Tommy Dec.11,18 CUSTOMER: | |
| MATERIAL SPECIFICATIONS: | | THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. | |
| PROCESS SPECIFICATIONS: | | SIZE TYPE DWG NO. REVISION B C- ATHP061RS08NN-xx-x A2 | |
| NEXT ASSY: | | SCALE: NONE SHEET 1 OF 1 | |

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