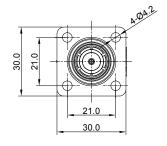
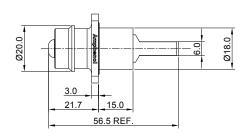
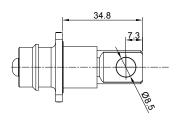
| ECO | DESCRIPTION | DATE | BY | APPR |
|-----|-----------------|-----------|-------|-------|
| - | FIRST RELEASE | Jul.31,18 | White | Tommy |
| - | UPDATED DRAWING | Sep.27,18 | White | Tommy |
| - | UPDATED DRAWING | Dec.11,18 | White | Tommy |
| | | • | | |
| | | | | |

REVISIONS









NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

REV

A1 A2

1.1 HOUSING: THERMOPLASTIC UL94 VO

1.2 SEAL: SILICONE RUBBER

1.3 CONTACT: COPPER ALLOY, SILVER PLATED

2. SPECIFICATIONS:

2.1 CURRENT RATING: 180 AMPS

2.2 OPERATING VOLTAGE: 1000V AC/DC

2.3 CONTACT RESISTANCE: $0.3m\Omega$

2.4 OPERATING TEMPERATURE: -55°C TO +125°C

2.5 DEGREE OF PROTECTION: IP67 (MATED CONDITION)

2.6 MATING CYCLE DURABILITY: 50 CYCLES

2.7 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| ITEM | P/N | NOTE | | |
|------|---------------------|---------------|--|--|
| 1 | ATHP041P08NN-H1 | BLACK(SHELL) | | |
| 2 | ATHP041P08NN-H1-ORG | ORANGE(SHELL) | | |

| | PART N | PART NUMBER | | | DESCRIPTION | | | ITEM |
|--|-------------------------------|---|-------|---------------------|----------------------------|--------------------------------------|----|------|
| QUANTITY | MATERIALS LIST | | | | | | | |
| UNLESS OTHERWISE SPECIFIED | | SIGNATURES DATE | | A | | | | |
| 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64. | | DRAWN: | While | Dec.11,18 | Amphenol | | | |
| 2 PL DEC ±0.15 3 PL DEC ±0.08 | Fractions ±1/64 Angles ±1* | CHECKED: | Tod | Dec.11,18 | Sin | Sine Systems - www.amphenol-sine.com | | |
| 3) Note reference =X MATERIAL SPECIFICATIONS: | | ENGINEER: | | | 44724 Morley Drive | | | |
| | | APPROVAL: | Tommy | Dec.11,18 | Clinton Township, MI 48036 | | | |
| | | CUSTOMER: | · · | | ATHP,8MM, | | | |
| | | SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL | | STRAIGHT RECEPTACLE | | | | |
| PROCESS SPECIFICATIONS: | | | | B C- | ATHP041P08N | N-H1-xx | A3 | |
| NEXT ASS'Y: | | | | SCALE: NONE | | SHEET 1 OF | 1 | |

ATHP,8MM,STRAIGHT RECEPTACLE

ATHP041P08NN-H1-xx REV: A3 SH: 1

Mouser Electronics

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Amphenol:

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