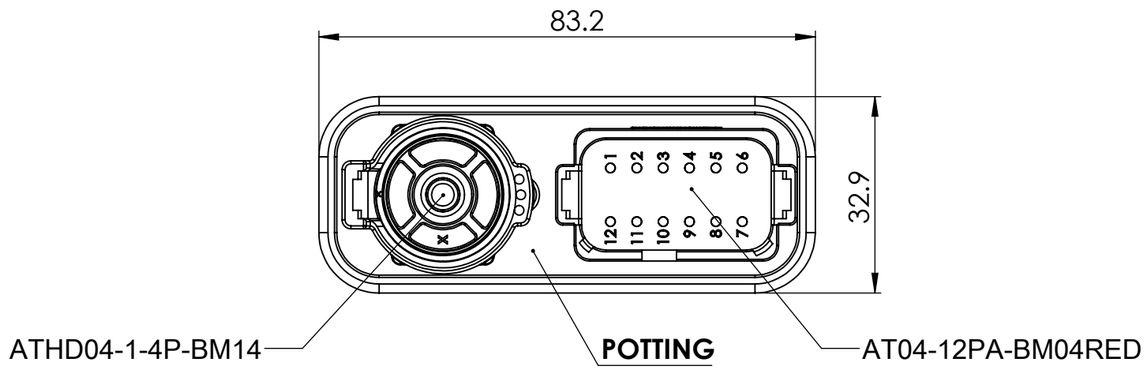
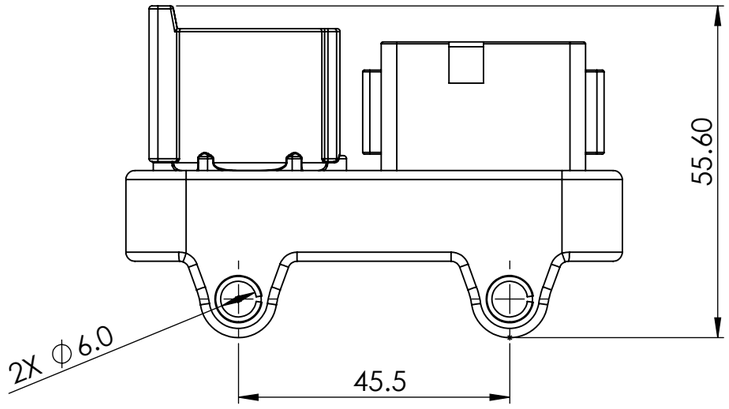
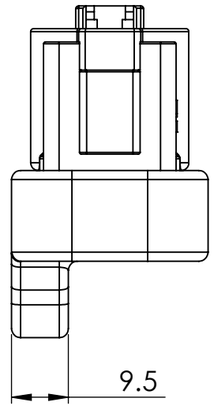
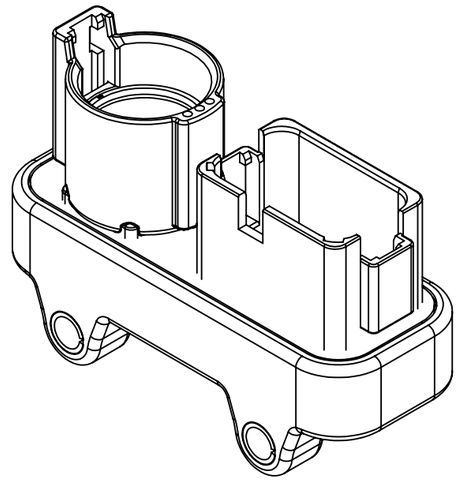
| REVISIONS | | | | |
|---|---|---|---|---|
| REV. | DESCRIPTION | DATE | BY | APPORVED |
| A1 | RELEASE | 8/28/2024 | CE | TZ |



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC
   CONTACT: COPPER ALLOY
   SLEEVES: NICKLE PLATED ZINC
2. MODIFICATIONS: 13 PINS BUSSED TOGETHER.
3. SPECIFICATIONS:
   3.1 CURRENT RATING: (ATHD04-1-4P-BM14) 100 AMPS MAX.
   (AT04-12PA-BM04) 13 AMPS MAX PER PIN.
   3.2 OPERATING TEMPERATURE: -55°C TO +125°C
   3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
   MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
   3.5 IP68 (1M of water for a period of 24 hours,
   in mated condition) IP69K (in mated condition)
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 RoHS COMPLIANT
4. MATING PART:
   ATHD04-1-4P-BM13: ATHD06-1-4S-XX PLUG(XX = MODIFICATIONS)
   AT04-12PA-BM04RED: AT06-12SA*
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

**UNLESS OTHERWISE SPECIFIED:**
1) DIMENSIONS ARE IN METRIC(mm)
2) TOLERANCES ARE AS FOLLOWS:
1 PL DEC: ± 0.5 | FRACTIONAL: ± 1/8
2 PL DEC: ± 0.25 | ANGLES: ± 1°
3 PL DEC: ± 0.1
3) NOTE REFERENCE = ⚠

MATERIAL SPECIFICATIONS:

WEIGHT:

**DO NOT SCALE DRAWING**

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | CE | 10/9/2025 |
| CHECKED: | | |
| ENGINEER: | | |
| APPROVAL: | | |

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.

# Amphenol

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

DESCRIPTION:
HYPERBUSS 100 AMP POWER SPLITTER 1 POSITION, 4AWG, 12 POSITION BLK, 16AWG, NICKEL POTTED RIGHT ANGLE MOUNT

| SIZE | DWG NO: | REV |
|---|---|---|
| B | ATHD041-1X12PA14P-RAMR | A1 |

SCALE: NONE | SHEET 1 OF 1