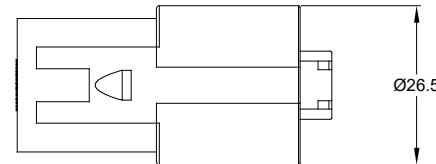
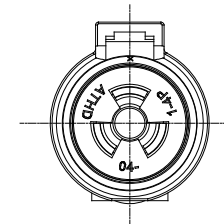
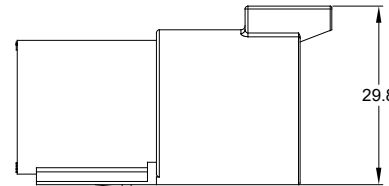
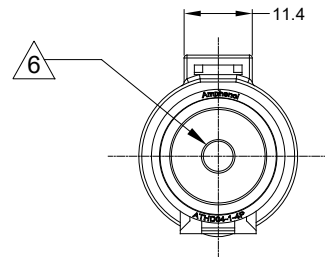
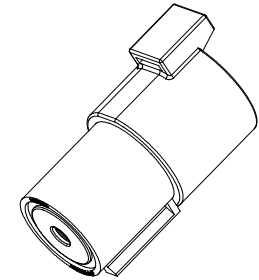
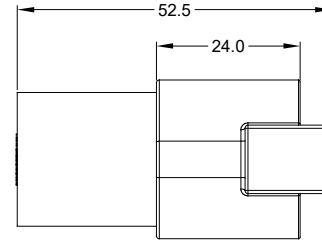


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	FEB-14-19	WHITE	TOMMY
A2	-	UPDATE DRAWING	JAN-16-20	BLINK	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:  
HOUSING: THERMOPLASTIC; COLOR:BLACK  
SEAL: SILICONE RUBBER
2. MODIFICAIONS: N/A
3. SPECIFICATIONS:
  - 3.1 CURRENT RATING: 100 AMPS
  - 3.2 VOLTAGE RATING: 1000 V AC/DC
  - 3.3 OPERATING TEMPERATURE: -55°C TO +125°C
  - 3.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
  - 3.5 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
  - 3.6 MOISTURE RESISTANCE: IP67 AND IP69K ( MATED CONDITION )
  - 3.7 MATING CYCLE DURABILITY: 100 CYCLES
  - 3.8 RoHS COMPLIANT
4. MATING PART:ATHD06-1-4S\* PLUG  
(\* = MODIFICATIONS )
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
04	6.63 mm (.261 in)	10.67 mm (.420 in)	4 - 6 AWG (21-13 mm <sup>2</sup> )

ATHD04-14P		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES		
1) All dimensions are in metric (mm).		DATE		
2) Tolerances are as follows:		DRAWN: BLINK JAN-16-20		
1 PL DEC ±0.30		CHECKED: ORION JAN-16-20		
2 PL DEC ±0.15		ENGINEER:		
3 PL DEC ±0.08		APPROVAL: TOMMY JAN-16-20		
3) Note reference =		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:		SCALE: NONE		
NEXT ASSY:		SHEET 1 OF 1		

**Amphenol**

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

**RECEPTACLE, 1 WAY, SIZE 4,ATHD SERIES**

SIZE: **B C-** TYPE: **ATHD04-1-4P** DWG NO: **A2** REVISION

TITLE: RECEPTACLE, 1WAY, SIZE 4,ATHD SERIES  
DWG NO: ATHD04-1-4P  
REV: A2  
SH: 1  
OF: 1

# Mouser Electronics

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