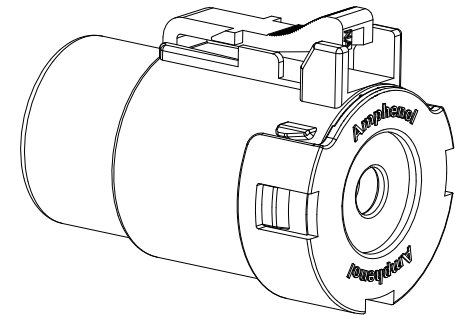
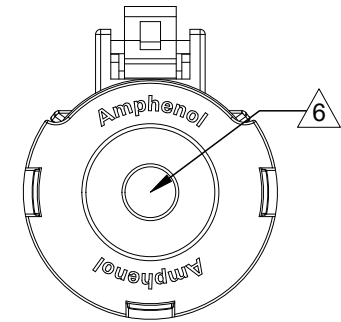
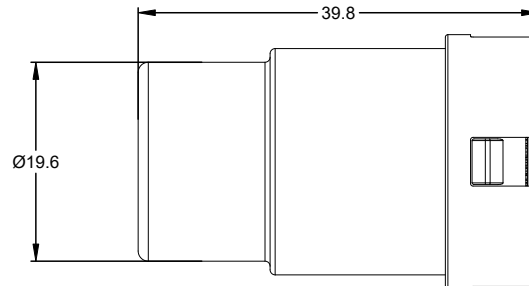
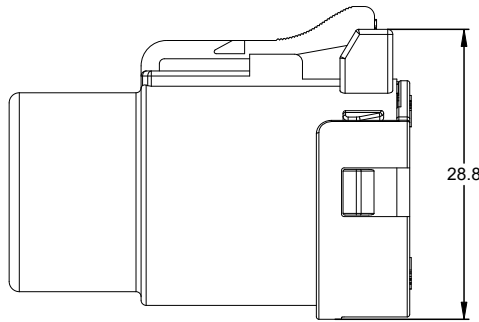
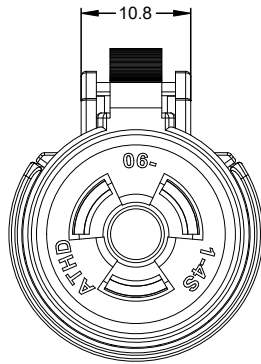




NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: END CAP
- SPECIFICATIONS:
 - CURRENT RATING: 100 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART:ATHD04-1-4P* RECEPTACLE
(* = MODIFICATIONS)
- 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)	7.42 mm (.292 in)	6 AWG (16-13 mm ²)

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER	14/AUG/23	HARRIS	TOMMY

ATHD06-14S-E003																					
PART NUMBER		DESCRIPTION																			
ITEM																					
QUANTITY		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 =		<table><tr><td colspan="2">SIGNATURES</td><td>DATE</td></tr><tr><td>DRAWN:</td><td>HARRIS</td><td>14/AUG/23</td></tr><tr><td>CHECKED:</td><td>ORION</td><td>15/AUG/23</td></tr><tr><td>ENGINEER:</td><td></td><td></td></tr><tr><td>APPROVAL:</td><td>TOMMY</td><td>16/AUG/23</td></tr><tr><td>CUSTOMER:</td><td></td><td></td></tr></table>		SIGNATURES		DATE	DRAWN:	HARRIS	14/AUG/23	CHECKED:	ORION	15/AUG/23	ENGINEER:			APPROVAL:	TOMMY	16/AUG/23	CUSTOMER:		
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ENGINEER:																					
APPROVAL:	TOMMY	16/AUG/23																			
CUSTOMER:																					
MATERIAL SPECIFICATIONS:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036																			
PROCESS SPECIFICATIONS:		1 POS, PLUG, SOCKET, ATHD SERIES, SIZE 4, CONTACTS-E003, BLACK																			
NEXT ASSY:		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.																			
SIZE		B C-																			
SCALE		NONE																			
DWG NO.		ATHD06-14S-E003																			
REVISION		A1																			
SHEET		1 OF 1																			

A Series™ - Contact Size 4 Options (Works with: ATHD and DuraMate Series)

Machined Contacts, Pins and Sockets					
Part Number	Description	Size	AWG	Type	Amps
AT60-203-04141-4	Male Contact - Pin, Copper Alloy, Nickel-Plated	4	4	Machined	100A
AT60-204-0490	Male Contact - Pin, Copper Alloy, Nickel-Plated	4	6	Machined	100A
AT62-203-04141-4	Female Contact - Socket, Copper Alloy, Nickel-Plated	4	4	Machined	100A
AT62-203-04141	Female Contact - Socket, Copper Alloy, Nickel-Plated	4	6	Machined	100A

Tooling - Machined Contacts	
Part Number	Description
WA23	Heavy Duty Pneumatic Crimp Tool -Uses Universal Positioner Part No. WA23-101DA and Crimp Locator MFX-3961
WA23-138DA	Die Assembly -for Heavy Duty Pneumatic Crimp Tool, Size 4
WA23-11	Contact Locator, Size 4
96-978-22	Crimper and Dies -for Size 10mm²-185mm² Wires
AT11-027-0405	Contact Removal Tool, Plastic, Size 4, 4AWG