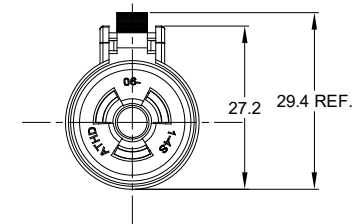
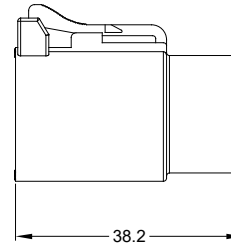
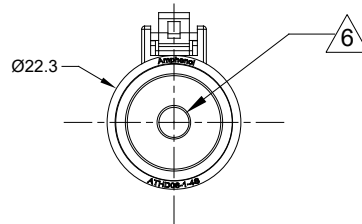
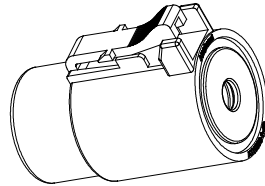


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	FEB-14-19	WHITE	TOMMY
A2	-	UPDATE DRAWING	JAN-16-20	BLINK	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR:BLACK
SEAL: SILICONE RUBBER
- MODIFICAIONS: FLANGE MOUNT
- 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
- 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)	10.67 mm (.420 in)	4 - 6 AWG (21-13 mm ²)

TITLE: PLUG, 1WAY, SIZE 4,ATHD SERIES
DWG NO: ATHD06-14S
REV: A2
SH: 1
OF: 1

ATHD06-14S		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	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		SIGNATURES		DATE
DRAWN: BLINK		JAN-16-20		<p>Amphenol</p> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>
CHECKED: ORION		JAN-16-20		
APPROVAL: TOMMY		JAN-16-20		
MATERIAL SPECIFICATIONS:		CUSTOMER:		<p>PLUG, 1 WAY, SIZE 4,ATHD SERIES</p>
PROCESS 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.		
NEXT ASSY:		SCALE: NONE		
		SIZE: B	TYPE: C-	DWG NO: ATHD06-14S
		SHEET 1 OF 1		REVISION: A2