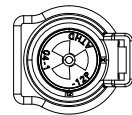


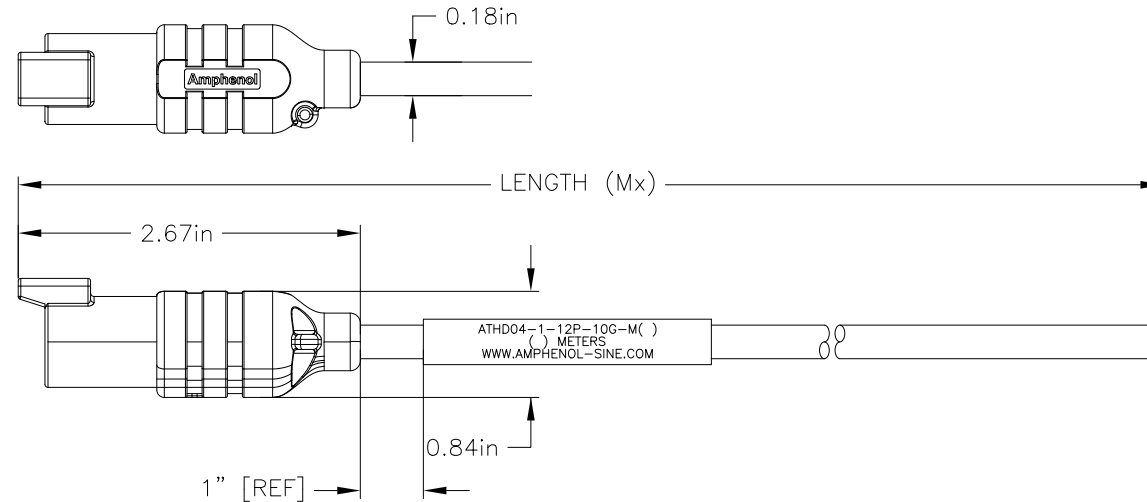
LENGTH TABLE	
PART NUMBER	LENGTH (METERS)
ATHD04-1-12P-10G-M1	1 (3.28FT)
ATHD04-1-12P-10G-M2	2 (6.56FT)
ATHD04-1-12P-10G-M4	4 (13.12FT)
ATHD04-1-12P-10G-M5	5 (16.40FT)
ATHD04-1-12P-10G-M10	10 (32.80FT)

PLEASE CONTACT CSR FOR ADDITONAL AVAILABLE OPTIONS

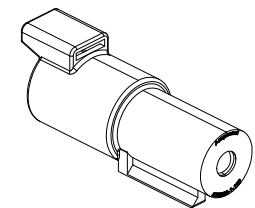
REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	RELEASED	3/31/2022	RO	WS



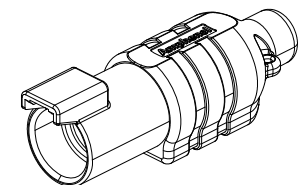
FACE VIEW



WIRING DIAGRAM



BEFORE OVERMOLD



AFTER OVERMOLD

NOTES: UNLESS OTHERWISE SPECIFIED

- | | | |
|----|--|--|
| 1. | MATERIAL:
HOUSING: PA66
SEAL: SILICONE RUBBER | COMPONENTS: 10AWG, PVC INSULATED CONDUCTOR
105/30 STRANDS BARE COPPER.
INSULATION: PVC, BLACK
600V AC/DC |
| 2. | MODIFICATIONS: OVERMOLDED (PA) | |
| 3. | CONNECTOR SPECIFICATIONS:
3.1 CURRENT RATING: 40AMPS
3.2 CABLE ASSEMBLY OPERATING TEMPERATURE: -40 TO +100C
3.3 CONTACT: COPPER ALLOY, NICKEL PLATED
3.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.5 INSULATION RESISTANCE: 1000 MEGAOHMS MIN @ 25C
3.6 MOISTURE RESISTANCE: IP68 MATED CONDITION (1M OF WATER FOR 24 HOURS).
3.7 MATING CYCLE DURABILITY: 100 CYCLES
3.8 RoHS COMPLIANT | 5. APPROVALS:
UL TYPE AWM, STYLE 1015.
CSA TYPE TEW.
OIL RESISTANT I
SUN RESISTANT I
FT1 FLAME RATING
ROHS COMPLIANT.

6. MATING PART: ATHD06-1-12S PLUG.
MATING CABLE ASSEMBLY: ATHD06-1-12S-10G-Mx

7. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. |

QUANTITY	PART NUMBER	DESCRIPTION		ITEM
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES DATE DRAWN: RO CHECKED: WS ENGINEER: RO APPROVAL: WS CUSTOMER: 2/25/2022 3/22/2022 3/25/2022 Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 1 POS RECEIPT SZ 12 MOLDED, PIN SIZE 12, 10AWG, SINGLE-ENDED WIRED ASSY, AMPHENOL ATHD CONNECTOR ATHD04-1-12P, X METERS		
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. SIZE TYPE DWG NO: REVISION C C- ATHD04-1-12P-10G-Mx A1			
PROCESS SPECIFICATIONS:	SCALE: NONE ATHD04-1-12P-10G-Mx SHEET 1 OF 1			
NEXT ASSY:				