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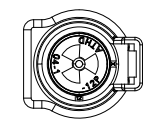
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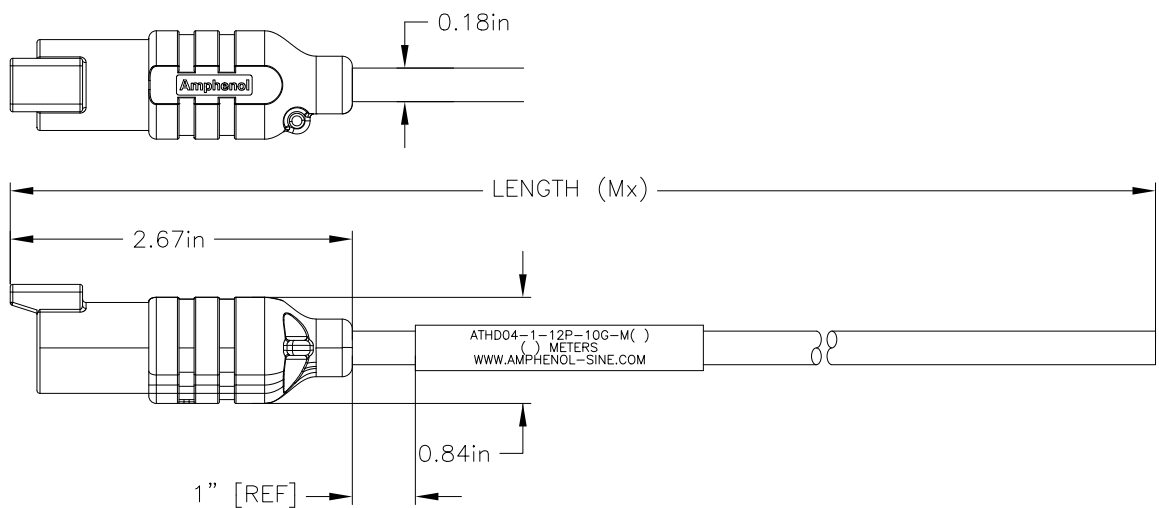
LENGTH TABLE	
PART NUMBER	LENGTH (METERS)
ATHD04-1-12P-10G-M1	1 (3.28FT)
ATHD04-1-12P-10G-M2	2 (6.56FT)
ATHD04-1-12P-10G-M4	4 (13.12FT)
ATHD04-1-12P-10G-M5	5 (16.40FT)
ATHD04-1-12P-10G-M10	10 (32.80FT)

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

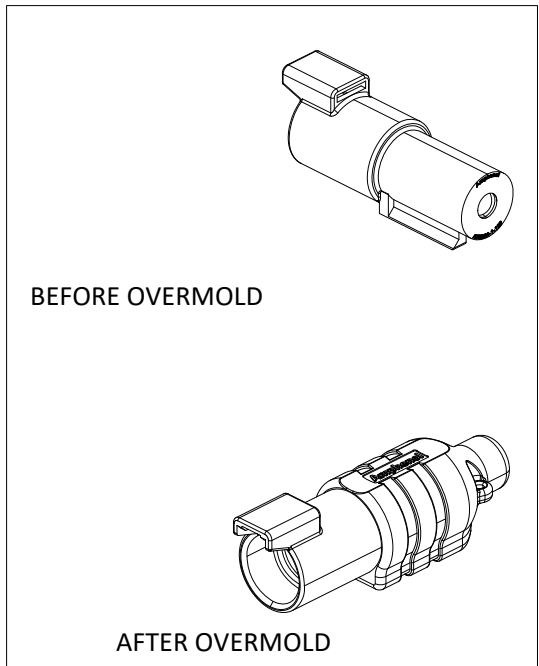
PLEASE CONTACT CSR FOR ADDITIONAL AVAILABLE OPTIONS



FACE VIEW



WIRING DIAGRAM



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: PA66
SEAL: SILICONE RUBBER
- MODIFICATIONS: OVERMOLDED (PA)
- 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
- WIRE SPECIFICATIONS:
COMPONENTS: 10AWG, PVC INSULATED CONDUCTOR
105/30 STRANDS BARE COPPER.
INSULATION: PVC, BLACK
600V AC/DC
- APPROVALS:
UL TYPE AWM, STYLE 1015.
CSA TYPE TEW.
OIL RESISTANT I
SUN RESISTANT I
FT1 FLAME RATING
ROHS COMPLIANT.
- MATING PART: ATHD06-1-12S PLUG.
MATING CABLE ASSEMBLY: ATHD06-1-12S-10G-Mx
- 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 DRAWN: RO 2/25/2022 CHECKED: WS 3/22/2022 ENGINEER: RO APPROVAL: WS 3/25/2022	DATE
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		1 POS RECEPT SZ 12 MOLDED, PIN SIZE 12, 10AWG, SINGLE-ENDED WIRED ASSY, AMPHENOL ATHD CONNECTOR ATHD04-1-12P, X METERS	
NEXT ASSY:		SIZE: C C- SCALE: NONE	DWG NO: ATHD04-1-12P-10G-Mx SHEET 1 OF 1
		REVISION: A1	

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