LENGTH TABLE

PART NUMBER	LENGTH (METERS)
ATHD06-1-12S-12G-M1	1 (3.28FT)
ATHD06-1-12S-12G-M2	2 (6.56FT)
ATHD06-1-12S-12G-M4	4 (13.12FT)
ATHD06-1-12S-12G-M5	5 (16.40FT)
ATHD06-1-12S-12G-M10	10 (32.80FT)

PLEASE CONTACT CSR FOR ADDITONAL AVAILABLE OPTIONS

FACE VIEW

0.15in

LENGTH (Mx)

2.87in

ATHD06-1-12S-12G-M( )
( ) METERS
WWW.AMPHENOL-SINE.COM

0.82in

1" [REF]

WIRING DIAGRAM

1 □ BLACK 12AWG

SP Structure + ™ Family

BEFORE OVERMOLD

AFTER OVERMOLD
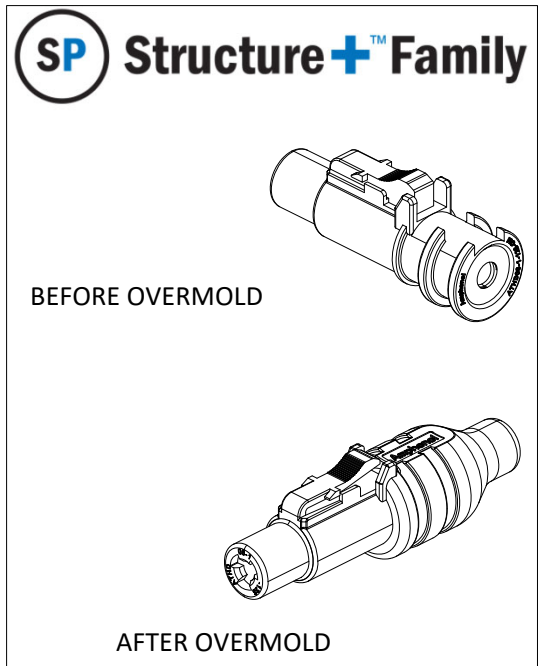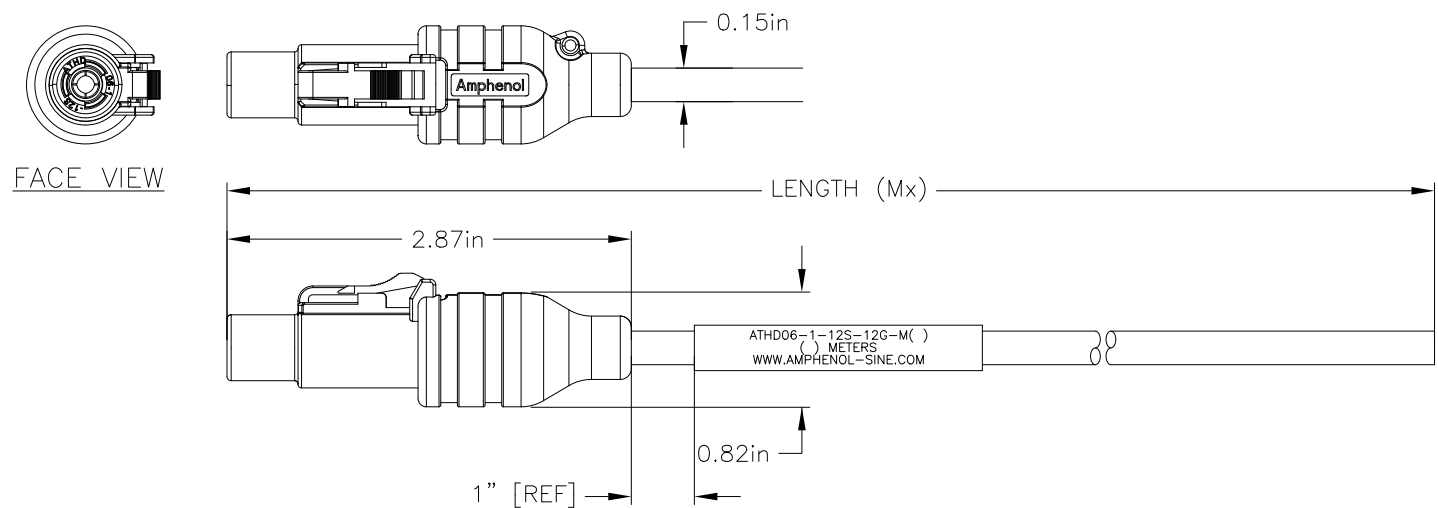
NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: PA66
   SEAL: SILICONE RUBBER

2. MODIFICATIONS: OVERMOLDED (PA)

3. CONNECTOR SPECIFICATIONS:
   3.1 CURRENT RATING: 30AMPS
   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

4. WIRE SPECIFICATIONS:
   COMPONENTS: ONE 12AWG, PVC INSULATED CONDUCTOR
   65x30 STRANDS BARE COPPER. UL1015
   INSULATION: PVC, BLACK
   600V AC/DC

5. APPROVALS:
   UL TYPE AWM, STYLE 1015.
   CSA TYPE TEW.
   OIL RESISTANT I
   SUN RESISTANT I
   FT1 FLAME RATING
   ROHS COMPLIANT.

6. MATING PART: ATHD04-1-12P RECEPTACLE.
   MATING CABLE ASSEMBLY: ATHD04-1-12P-12G-Mx

7. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST