REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	18/JUN/13	DRP	-
A4	-	UPDATED IP RATING TO IP68	6DEC2024	JHEAD	SW

AMPHENOL ATM04-2P

16.6

16.2
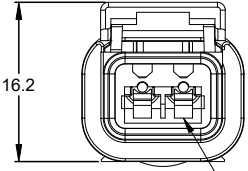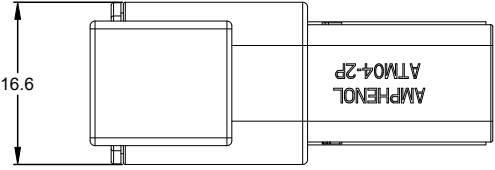
REQUIRES CONTACT RETENTION WEDGE AWM-2P

2

6

41.2

AMPHENOL ATM04-2P

2
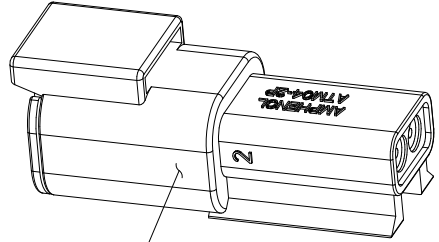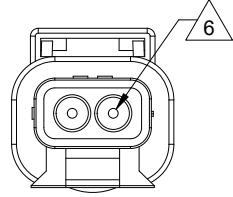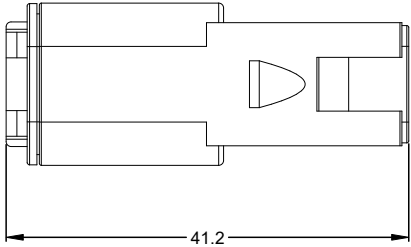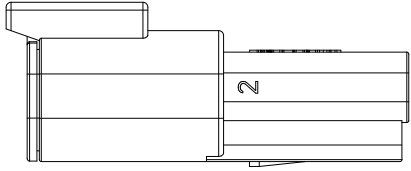
STANDARD MOLDED COLOR IS GREY. ADDITIONAL COLORS SHOWN IN PART NUMBER CHART ARE AVAILABLE VIA SPECIAL ORDER.

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

2. MODIFICATIONS: N/A

3. SPECIFICATIONS:
   3.1 CURRENT RATING: 7.5 AMPS
   3.2 OPERATING TEMPERATURE: -55°C TO +125°C
   3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
       MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
   3.5 MOISTURE RESISTANCE: IP68 MATED CONDITION
       (1M OF WATER FOR 24 HRS)
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 RoHS COMPLIANT

4. MATING PART: ATM06-2S* PLUG
   (* = MODIFICATIONS AND COLORS)

5. 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
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG

PART NUMBER CHART	
COLOR	PART NUMBER
GREY	ATM04-2P
BLACK	ATM04-2P-BLK
BLUE	ATM04-2P-BLU
BROWN	ATM04-2P-BRN
GREEN	ATM04-2P-GRN
RED	ATM04-2P-RED
WHITE	ATM04-2P-WHT
YELLOW	ATM04-2P-YEL

SEE PART NUMBER CHART

	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 = △X

	SIGNATURES	DATE
DRAWN:	D.PARKS	18/JUN/13
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

RECEPTACLE, 2 PIN, ATM SERIES

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	TYPE C-	DWG NO: ATM04-2P-XXX	REVISION A4
SCALE: NONE			SHEET 1 OF 1