REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	24/AUG/19	PETER	TOMMY

34.7

30.0

22.1

REQUIRES CONTACT
RETENTION WEDGE AWP-6S

6
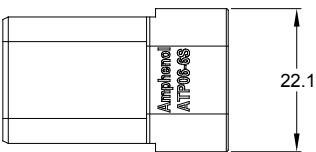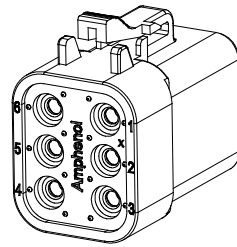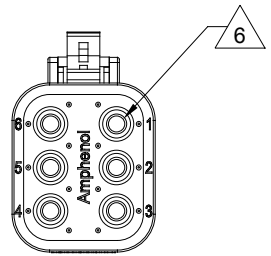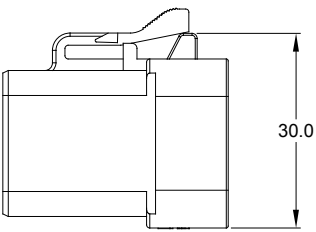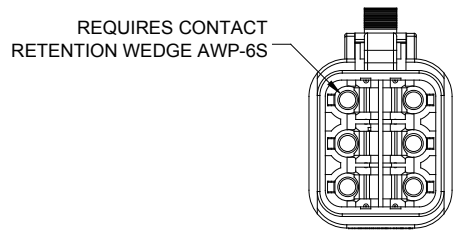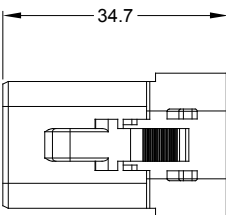
NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC
   SEAL: SILICONE RUBBER

2. MODIFICATIONS: N/A

3. SPECIFICATIONS:
   3.1 CURRENT RATING: 25 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: IP67 (MATED CONDITION)
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 RoHS COMPLIANT

4. MATING PART: ATP04-6P* RECEPTACLE.
   (* = 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
12	3.40 mm (.134 in)	4.95 mm (.195 in)	10 - 14 AWG

PART NUMBER CHART

COLOR	PART NUMBER
GREY	ATP06-6S
BLACK	ATP06-6S-BLK

STANDARD MOLDED COLOR IS GREY. ADDITIONAL
COLOR (BLACK) IS AVAILABLE VIA SPECIAL ORDER.

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:	PETER.YANG	24/AUG/19
CHECKED:	ORION.LI	24/AUG/19
ENGINEER:		
APPROVAL:	TOMMY.XIE	24/AUG/19
CUSTOMER:		

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

Amphenol

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

PLUG, 6 SOCKET, ATP SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATP06-6S-XXX	A1

SCALE: NONE | SHEET 1 OF 1

TITLE: PLUG, 6 SOCKET, ATP SERIES

DWG NO: ATP06-6S-XXX

REV: A1

SH: 1

OF: 1