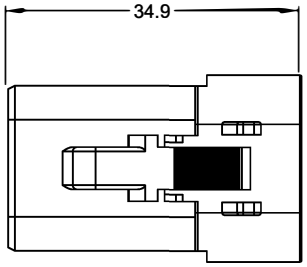
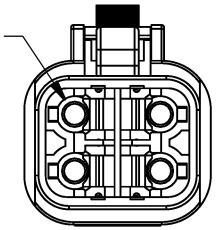
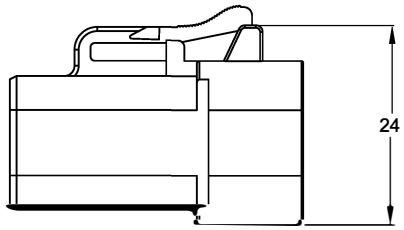
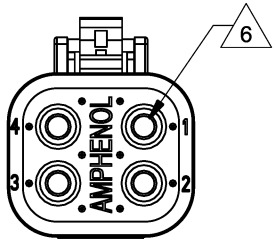
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	18/OCT/13	DRP	-
A3N	-	ADD RATED VOLTAGE	06/APR/17	ORION	TOMMY
A4	-	CHANGE DIELECTRIC WITHSTAND VOLTAGE	08/SEP/20	SEVEN	TOMMY
A5	-	UPDATE SHAPE OF LATCH	07/OCT/20	SULLEN	TOMMY
A6	-	MODIFY THE ANNOTATION	28/FEB/26	KAI	TOMMY

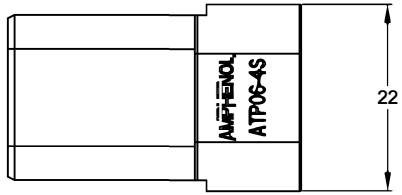


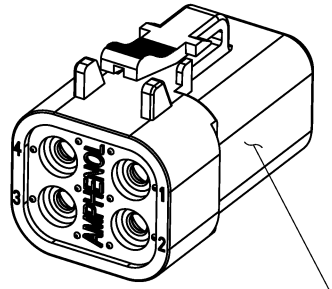
REQUIRES CONTACT
RETENTION WEDGE AWP-4S











REFER TO PART NUMBER CHART FOR
AVAILABLE CONNECTOR COLORS

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 @ 2500 VOLTS AC.
   3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
   3.5 MOISTURE RESISTANCE:
   IP68(1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION)
   IP69K(MATED CONDITION)
   3.6 MATING CYCLE DURABILITY: 100 CYCLES
   3.7 ROHS COMPLIANT·

4. MATING PART: ATP04-4P* 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 (5.0-2.0mm²)

PART NUMBER CHART		
COLOR	PART NUMBER	REF.
GREY	ATP06-4S	DTP06-4S
BLACK	ATP06-4S-BLK	DTP06-4S-E004

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

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	KAI.CHEN	28/FEB/26
CHECKED:	ORION.LI	03/MAR/26
ENGINEER:		
APPROVAL:	TOMMY.XIE	06/MAR/26
CUSTOMER:		

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Amphenol

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

4 POS, PLUG, SOCKET,
NORMAL SEAL, ATP SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATP06-4S-XXX	A6

SCALE: NONE SHEET 1 OF 1

TITLE: 4 POS, PLUG, SOCKET, NORMAL SEAL, ATP SERIES
DWG NO: ATP06-4S-XXX
REV: A6
SH: 1
OF: 1