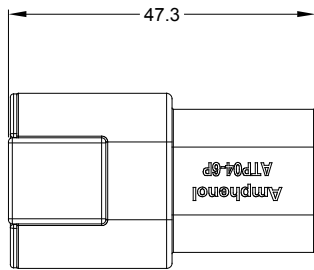
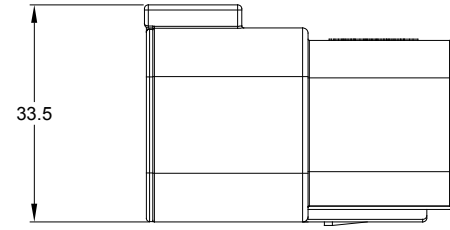
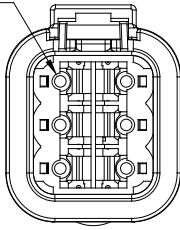


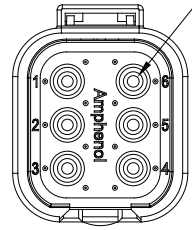
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	24AUG/19	PETER	TOMMY



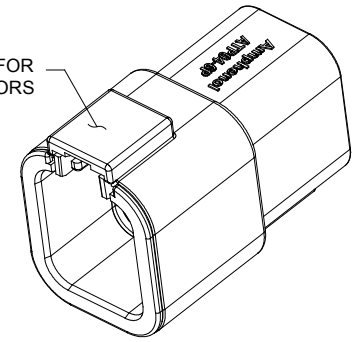
REQUIRES CONTACT RETENTION WEDGE AWP-6P



6 REDUCED DIAMETER SEAL

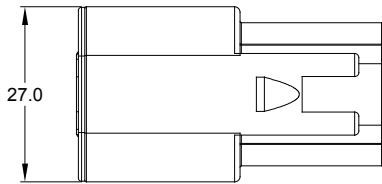


REFER TO PART NUMBER CHART FOR AVAILABLE CONNECTOR COLORS



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
- MODIFICATIONS: REDUCED DIAMETER WIRE SEAL
- SPECIFICATIONS:
 - CURRENT RATING: 25 AMPS
 - OPERATING TEMPERATURE: -55°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART: ATP06-6S* PLUG.
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



PART NUMBER CHART	
COLOR	PART NUMBER
GREY	ATP04-6P-RD01
BLACK	ATP04-6P-RD01BK

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

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
12	2.46 mm (.097 in)	4.01 mm (.158 in)	12 - 14 AWG

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) Note reference =		SIGNATURES	DATE	 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 RECEPTACLE, 6 PIN, REDUCED DIAMETER SEAL, ATP SERIES			
DRAWN: PETER YANG		24AUG/19					
CHECKED: ORION LI		24/JUN/19					
ENGINEER:							
APPROVAL: TOMMY XIE		24AUG/19		CUSTOMER:			
MATERIAL SPECIFICATIONS:		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	REVISION
PROCESS SPECIFICATIONS:		SCALE: NONE		DWG NO: ATP04-6P-RD01XX		B C-	A1
NEXT ASSY:						SHEET 1 OF 1	

TITLE: RECEPTACLE, 6 PIN, REDUCED DIAMETER SEAL, ATP SERIES
DWG NO: ATP04-6P-RD01XX
REV: A1
SH: 1
OF: 1