

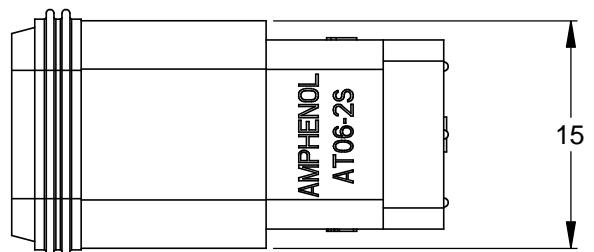
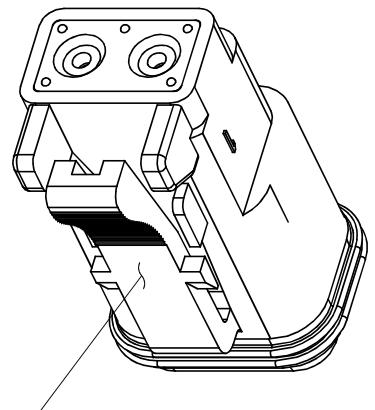
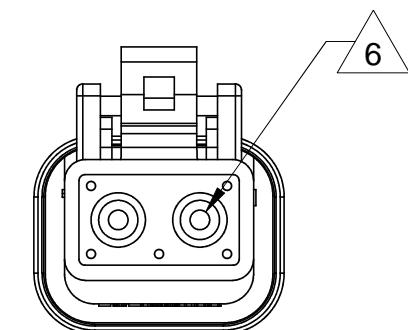
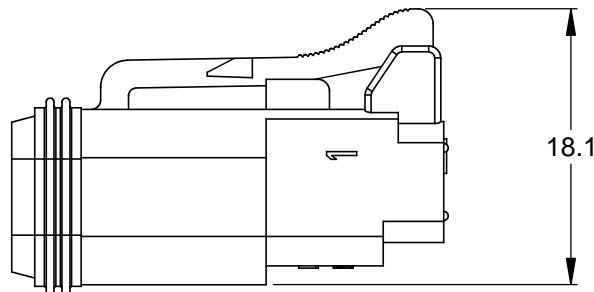
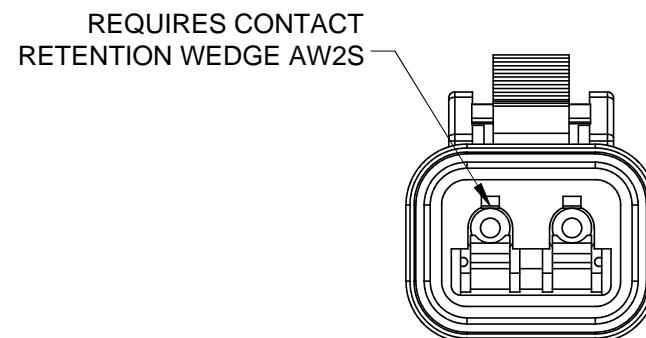
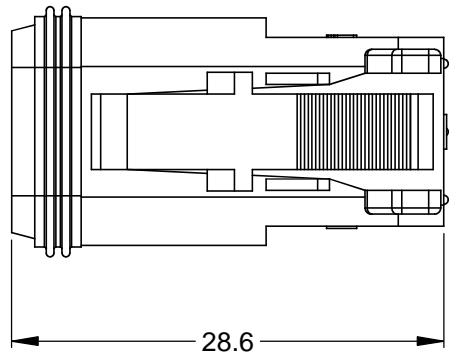
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	26DEC13	DRP	

TITLE:

PLUG, 2 SOCKET, AT SERIES

DWG NO: AT06-2S-XXX

REV: A3 SH: 1 OF: 1



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER
2. MODIFICATIONS: N/A
3. SPECIFICATIONS:
  - 3.1 CURRENT RATING: 13 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: AT04-2P\* 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
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

PART NUMBER CHART	
COLOR	PART NUMBER
GREY	AT06-2S
BLACK	AT06-2S-BLK
BLUE	AT06-2S-BLU
BROWN	AT06-2S-BRN
GREEN	AT06-2S-GRN
RED	AT06-2S-RED
WHITE	AT06-2S-WHT
YELLOW	AT06-2S-YEL

	SEE PART NUMBER CHART	DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE		
1) All dimensions are in metric(mm).	D.PARKS	26DEC13		
2) Tolerances are as follows:				
1 PL DEC $\pm 0.30$	Fractions $\pm 1/64$			
2 PL DEC $\pm 0.15$	Angles $\pm 1^\circ$			
3 PL DEC $\pm 0.08$				
3) Note reference =	CHECKED:			
MATERIAL SPECIFICATIONS:	ENGINEER:			
	APPROVAL:			
PROCESS SPECIFICATIONS:	CUSTOMER:			
	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.			
NEXT ASSY:	SCALE:			
	NONE			
SHEET 1 OF 1				

**Amphenol**  
Sine Systems - [www.amphenol-sine.com](http://www.amphenol-sine.com)

44724 Morley Drive  
Clinton Township, MI 48036

PLUG, 2 SOCKET, AT SERIES

SIZE **B** TYPE **C-** DWG NO: **AT06-2S-XXX** REVISION **A3**  
SCALE: **NONE** SHEET **1** OF **1**

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