

REVISIONS				
REV	ECO	DESCRIPTION	DATE	BY
A1	-	FIRST RELEASE	May,22,17	Regan
A2	-	MODIFY THE CURRENT RATING	Jul,10,17	White
				Tommy

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

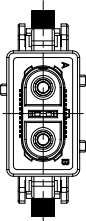
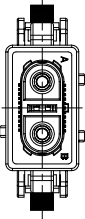
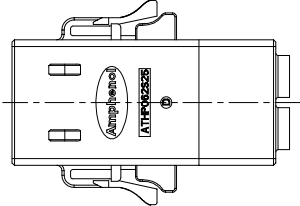
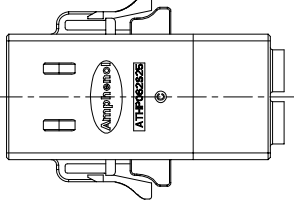
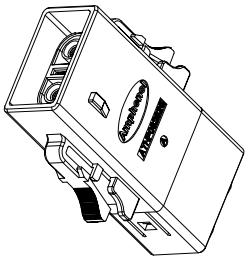
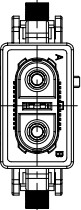
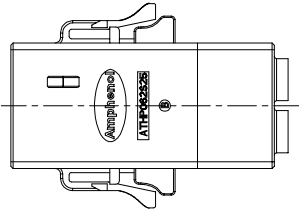
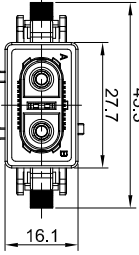
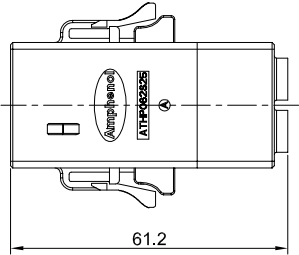
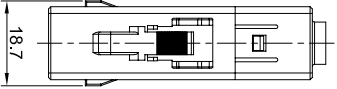
- 1.1 HOUSING: THERMOPLASTIC UL 94V0
- 1.2 SEAL: SILICONE RUBBER
- 1.3 POWER CONTACT: COPPER ALLOY, Tin PLATED
- 1.4 SHIELDING: COPPER ALLOY, NICKLE PLATED

2. SPECIFICATIONS:

- 2.1 CURRENT RATING: 6.0mm2 (MS10B23XX) @35 AMPS
4.0mm² (SS12A1XX-10) @25 AMPS
2.5mm² (SS12A1XX) @20 AMPS
- "XX" DENOTES DIFFERENT PLATING.
- 2.2 VOLTAGE RATING: 1000 V AC/DC
- 2.3 OPERATING TEMPERATURE: 40°C TO +130°C
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
- 2.5 INSULATION RESISTANCE: 500 MEGOHMS MIN@25±5°C.
- 2.6 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
- 2.7 MATING CYCLE DURABILITY: 100 CYCLES
- 2.8 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

PART NUMBER	Key type	Cable OD Range
ATHP062S25EL-S1	A Key	6.5~7.5 mm
ATHP062S25ELB-S1	B Key	
ATHP062S25ELC-S1	C Key	
ATHP062S25ELD-S1	D Key	
ATHP062S25EL-S2	A Key	4.8~5.8 mm
ATHP062S25ELB-S2	B Key	
ATHP062S25ELC-S2	C Key	
ATHP062S25ELD-S2	D Key	



QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in millimeters. 2) Tolerances are as follows: 1 Pl, DEC ±0.30 2 Pl, DEC ±0.25 3 Pl, DEC ±0.08 3) Note reference =			
SIGNATURES			
DRAWN	DATE	Sine Systems - www.sinehnd.com 44724 Morley Drive Clinton Township, MI 48036	
DATE	DATE		
ENGINEER	DATE		
APPROVAL	DATE		
CUSTOMER		ATHP, PLUG, 2 PIN, HVL WITH EMC SHIELDING	
PROCESS SPECIFICATIONS		THIS DRAWING IS SUBMITTED FOR INFORMATION ONLY. IT DOES NOT CONSTITUTE A CONTRACT. THE MANUFACTURER ASSUMES NO RESPONSIBILITY FOR REPRODUCTION AND LITIGATION. ALL MANUFACTURING VARIATIONS.	
NEXT ASST.		SCALE: NONE	