

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:

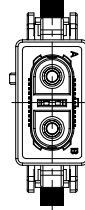
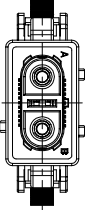
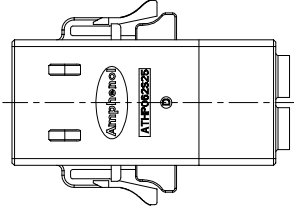
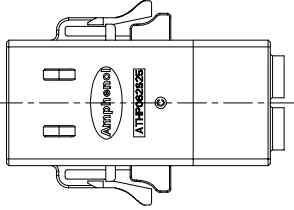
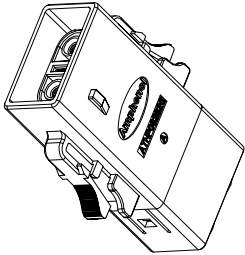
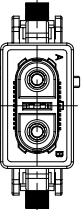
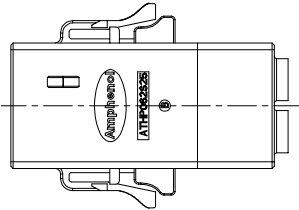
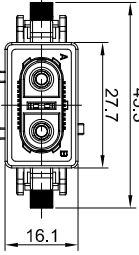
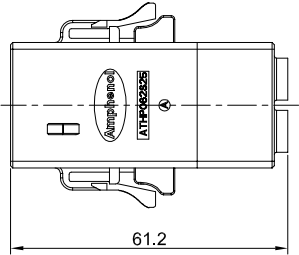
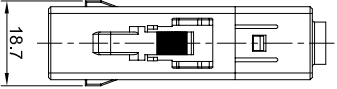
- 1.1 HOUSING: THERMOPLASTIC UL 94V0
- 1.2 SEAL: SILICONE RUBBER
- 1.3 POWER CONTACT: COPPER ALLOY, Tin PLATED
- 1.4 SHIELDING: COPPER ALLOY, NICKLE PLATED

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
ATHP062S25EEL-S1	A Key	6.5~7.5 mm
ATHP062S25EELB-S1	B Key	
ATHP062S25EELC-S1	C Key	
ATHP062S25EELD-S1	D Key	
ATHP062S25EEL-S2	A Key	4.8~5.8 mm
ATHP062S25EELB-S2	B Key	
ATHP062S25EELC-S2	C Key	
ATHP062S25EELD-S2	D Key	



C Key

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 .40 .30			
2 Pl, DEC .10 .08			
3 Pl, DEC .20 .08			
3) Note reference =			
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASSTY:			
SIGNATURES			
DATE			
DRAWN: WHE			
JUL,10,17			
CHECKED: Tod			
JUL,10,17			
ENGINEER:			
APPROVAL: Tommy			
JUL,10,17			
CUSTOMER:			
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SIZE			
TYPE			
HVL WITH EMC SHIELDING			
ATHP, PLUG, 2 PIN.			
ATHP062S25EELX-SX			
REVISION			
A2			
SCALE			
NONE			
SHEET 1 OF 1			