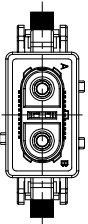
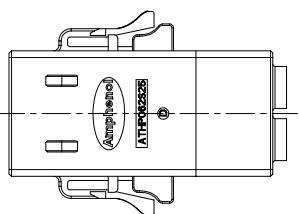
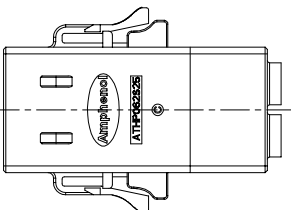
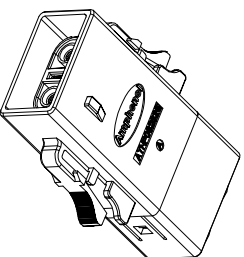
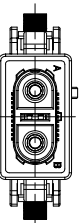
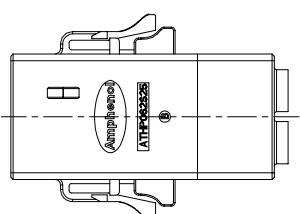
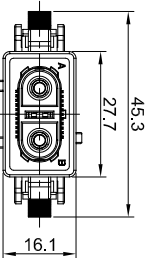
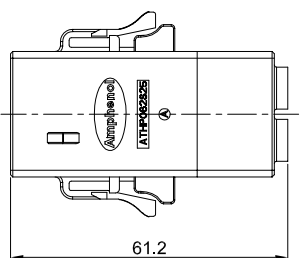
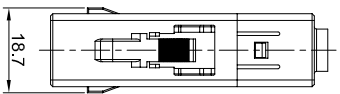


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	May/22/17	Regan	Tommy
A2	-	MODIFY THE CURRENT RATING	Jul/10/17	White	Tommy

**NOTES: UNLESS OTHERWISE SPECIFIED**

- MATERIAL:
  - HOUSING: THERMOPLASTIC UL 94V0
  - SEAL: SILICONE RUBBER
  - POWER CONTACT: COPPER ALLOY, Tin PLATED
  - SHIELDING: COPPER ALLOY, NICKLE PLATED
- SPECIFICATIONS:
  - CURRENT RATING: 6.0mm2 ( MS10B23XX ) @35 AMPS  
4.0mm<sup>2</sup> ( SS12A1XX-10 ) @25 AMPS  
2.5mm<sup>2</sup> ( SS12A1XX ) @20 AMPS
  - "XX" DENOTES DIFFERENT PLATING.
  - VOLTAGE RATING: 1000 V AC/DC
  - OPERATING TEMPERATURE: 40°C TO +130°C
  - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
  - INSULATION RESISTANCE: 500 MEGOHMS MIN@25±5°C.
  - DEGREE OF PROTECTION: IP67 (MATED CONDITION)
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



A Key

B Key

C Key

D Key

PART NUMBER	Key type	Cable OD Range
ATHP062S25EEL-S1	A Key	
ATHP062S25EELB-S1	B Key	6.5-7.5 mm
ATHP062S25EELC-S1	C Key	
ATHP062S25EELD-S1	D Key	
ATHP062S25EELS-S2	A Key	
ATHP062S25EELB-S2	B Key	4.8-5.8 mm
ATHP062S25EELC-S2	C Key	
ATHP062S25EELD-S2	D Key	

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			

UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in millimeters.	DRAWN:	DATE:	
2) Tolerances are as follows:	DATE:	DATE:	
1 Pt. DEC 0.30	10/17	10/17	
3 Pt. DEC 0.10	10/17	10/17	
5 Pt. DEC 0.08	10/17	10/17	
3) Note reference =	ENGINEER:	APPROVAL:	
	Tommy	Tommy	
	DATE:	DATE:	
	Jul/10/17	Jul/10/17	

MATERIAL SPECIFICATIONS:			
CUSTOMER:	APPROVAL:	DATE:	
Tommy	Tommy	Jul/10/17	
THIS DRAWING IS SUPPLEMENTARY TO THE AMPHENOL SPECIFICATIONS AND PERFORMANCE DATA. THE AMPHENOL CORPORATION HAS NO RESPONSIBILITY FOR REPRODUCTION AND USE. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.			
PROCESS SPECIFICATIONS:	SIZE:	TYPE:	DWG NO:
	B	C-	ATHP062S25EELX-SX
NEXT ASSY:	SCALE:	NONE	REVISION:
			AZ

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ATHP - PLUG, 2 PIN,  
HVIL WITH EMC SHIELDING

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