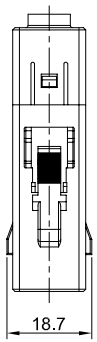
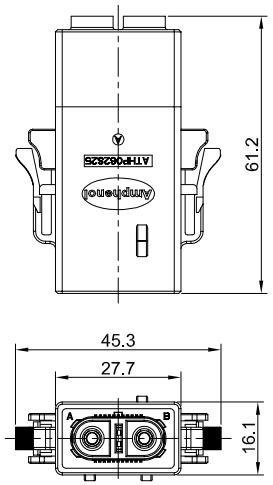
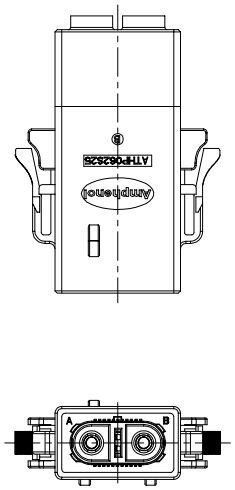
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	May.22,17	Regan	Tommy
A2	-	MODIFY THE CURRENT RATING	Jul.10,17	White	Tommy

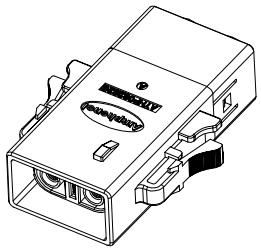


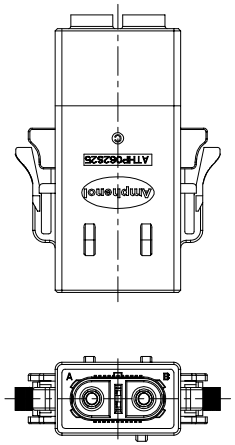


A Key

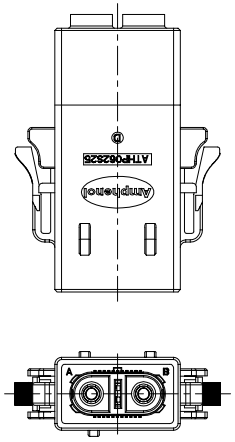


B Key





C Key



D Key

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℃ TO +130℃
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
   2.5 INSULATION RESISTANCE: 500 MEGOHMS MIN@25¡ãC.
   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	

	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 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES		DATE
DRAWN:	White	Jul.10,17
CHECKED:	Tod	Jul.10,17
ENGINEER:		
APPROVAL:	Tommy	Jul.10,17
CUSTOMER:		

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

ATHP, PLUG,2 PIN,
HVIL WITH EMC SHIELDING

SIZE	TYPE	DWG NO:	REVISION
B	C-	ATHP062S25ELx-Sx	A2

SCALE: NONE SHEET 1 OF 1

TITLE: ATHP, PLUG,2 PIN,HVIL WITH EMC SHIELDING
DWG NO: ATHP062S25ELx-Sx
REV: A2
SH: 1
OF: 1