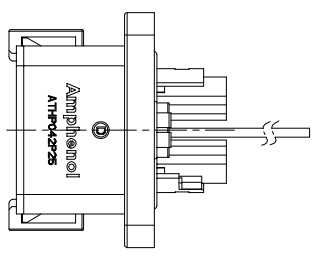
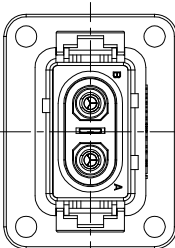


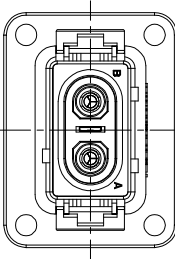
A Key



B Key



C Key



D Key

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

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 (MP10B23XX) @35 AMPS
4.0mm² (SP12A1XX-10) @25 AMPS
2.5mm² (SP12A1XX) @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 MILLIAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
- 2.5 INSULATION RESISTANCE: 500 MEGOHMS MIN@25°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	Describe
ATHP042P25EL	A Key
ATHP042P25ELB	B Key
ATHP042P25ELC	C Key
ATHP042P25ELD	D Key

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			

UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in millimeters.	DRAWN	DATE	
2) Tolerances are as follows: 1 Pt. DEC 0.130 3 Pt. DEC 0.108	DATE	DATE	
3) Note reference =	ENGINEER	DATE	
MATERIAL SPECIFICATIONS:	APPROVAL	DATE	
CUSTOMER:	DATE	DATE	

PROCESS SPECIFICATIONS:			
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SCALE:	SIZE:	TYPE:	REVISION:
NONE	B	C-	ATHP042P25ELX A2

RECOMMEND PANEL CUT TOLERANCE: ±0.05

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

ATHP, RECEPTACLE 2 PIN, HVIL WITH EMC SHIELDING