

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

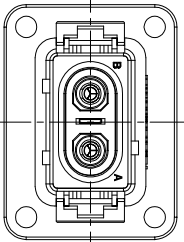
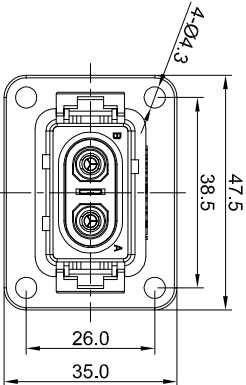
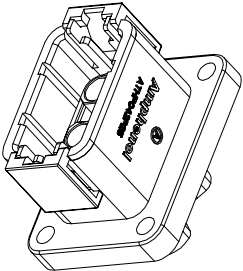
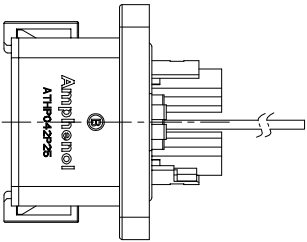
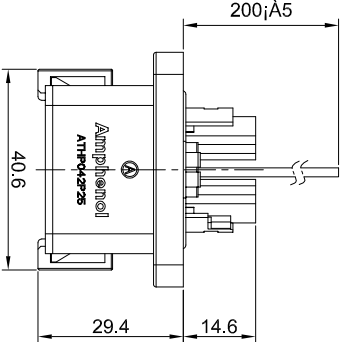
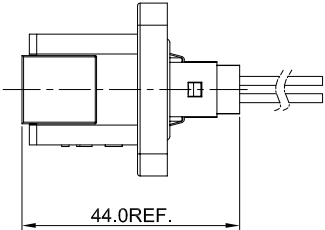
2. SPECIFICATIONS:

- 2.1 CURRENT RATING: 6.0mm² (MP10B23XX) @35 AMPS
4.0mm² (SP12A1XX-10) @25 AMPS
2.5mm² (SP12A1XX) @20 AMPS
- "XX" DENOTES DIFFERENT PLATING.

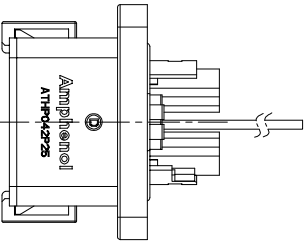
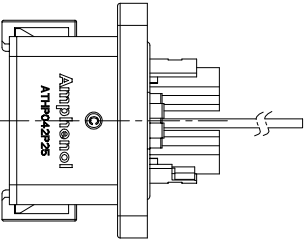
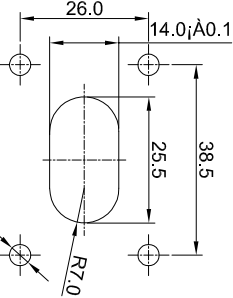
- 2.2 VOLTAGE RATING: 1000 V AC/DC
- 2.3 OPERATING TEMPERATURE: -40°C TO +130°C
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
- 2.5 INSULATION RESISTANCE: 500 MEGOHMS MIN@25°C.
- 2.6 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
- 2.7 MATING CYCLE DURABILITY: 100 CYCLES
- 2.8 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

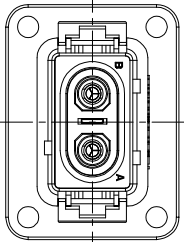
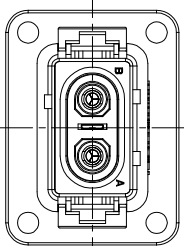
PART NUMBER	Describe
ATHP042P25EL	A Key
ATHP042P25ELB	B Key
ATHP042P25ELC	C Key
ATHP042P25ELD	D Key



A Key



B Key



C Key

D Key

PART NUMBER		DESCRIPTION		ITEM
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED:				
1) All dimensions are in metric (mm).				
2) Tolerances are as follows:				
1 PL DEC .0030 Fractions ±.004				
2 PL DEC .0030 Angles ±.1°				
3 PL DEC .0030				
3) Note reference = 				
MATERIAL SPECIFICATIONS:				
DRAWN:		DATE:		
CHECKED:		DATE:		
ENGINEER:		DATE:		
APPROVAL:		DATE:		
CUSTOMER:				
THIS DRAWING IS SUBMITTED FOR INFORMATION ONLY. IT DOES NOT CONSTITUTE A COMMITMENT. SPECIFICATIONS AND PERFORMANCE DATA ARE FOR REFERENCE ONLY. NO PARTS OR MATERIALS ARE TO BE ORDERED OR MANUFACTURED WITHOUT THE WRITTEN APPROVAL OF AMPHENOL CORPORATION. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.				
PROCESS SPECIFICATIONS:				
NEXT ASSTY:				
SIZE:	TYPE:	DWG NO:		REVISION:
B	C-	ATHP042P25ELX		A2
SCALE:				
NONE				
SHEET:	1	OF:	1	

RECOMMEND PANEL CUT
TOLERANCE: ±0.05