



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



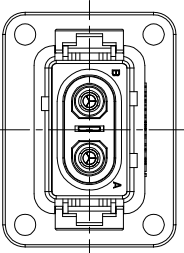
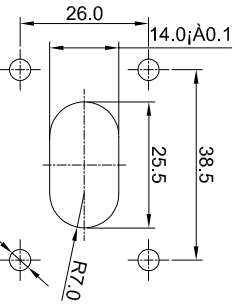
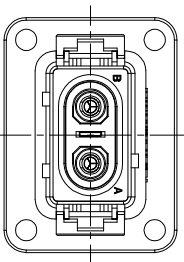
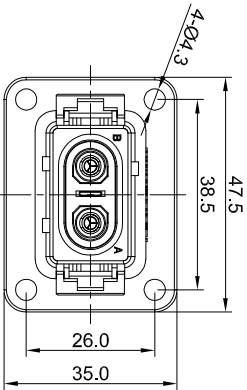
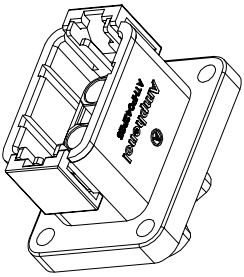
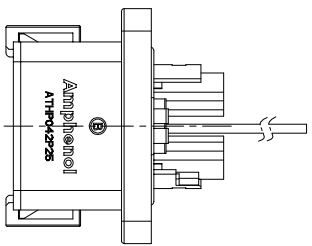
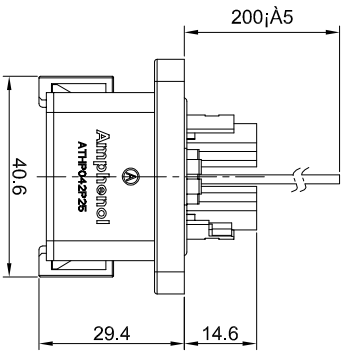
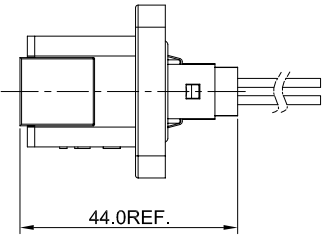
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

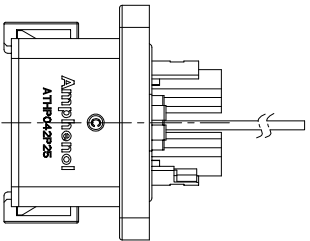
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

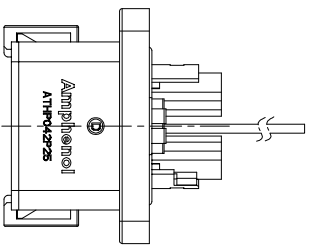




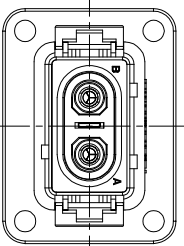
C Key



A Key



B 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:	WHL	Jul,10,17	
1 Pt. DEC 0.130	CREAGER	Jul,10,17	
3 Pt. DEC 0.108	ANGLES 1T	Jul,10,17	
3) Note reference =	ENGINEER	Tommy	Jul,10,17
	APPROVAL	Tommy	Jul,10,17
	CUSTOMER		

PROCESS SPECIFICATIONS:			
THIS DRAWING IS SUPERSEDED BY THE LATEST REVISION. SPECIFICATIONS AND PERFORMANCE DATA ARE THE PROPERTY OF AMPHENOL CORPORATION. NO PARTS OF REPRODUCTION ARE ALLOWED. ALL MANUFACTURING VARIATIONS MUST BE APPROVED BY AMPHENOL CORPORATION.			
SCALE	NONE	SHEET	1 OF 1

Amphenol

She Systems - www.amphenol-she.com
44724 Morley Drive
Clinton Township, MI 48036

ATHP . RECEPTACLE 2 PIN,
HVIL WITH EMC SHIELDING

RECOMMEND PANEL CUT
TOLERANCE: ±0.05