



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

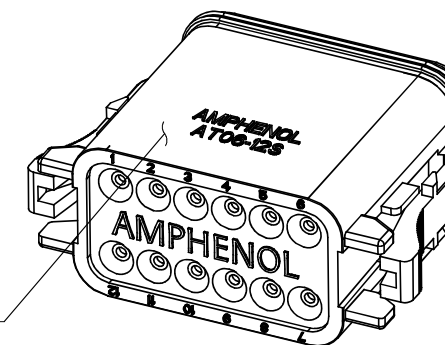
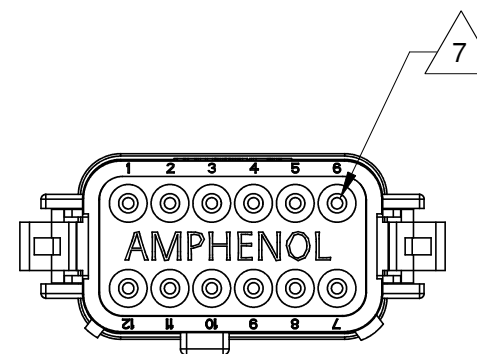
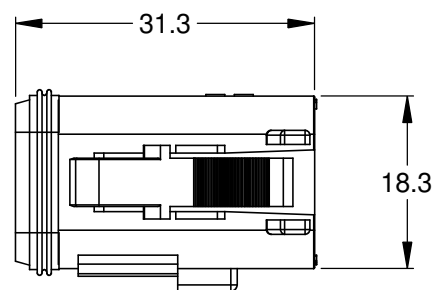
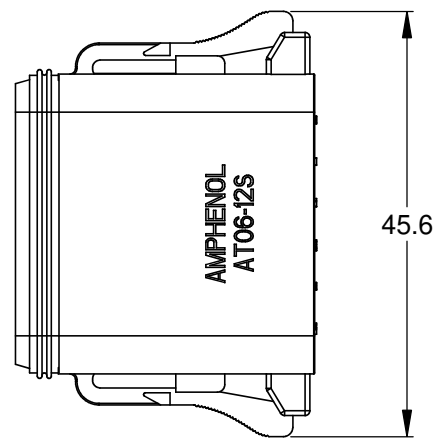
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

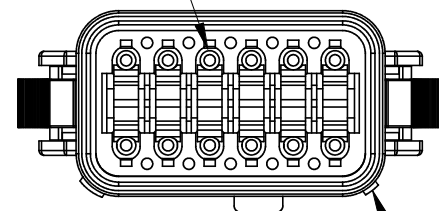
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



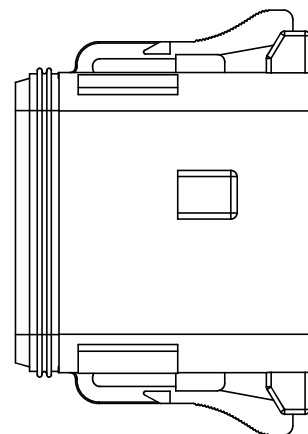
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	02JAN14	JARRY	-



REQUIRES CONTACT RETENTION WEDGE AW12S



1 KEYWAY (3) PLACES



1 REFER TO SHEET 2 FOR AVAILABLE CONNECTOR COLORS

NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: N/A

4. SPECIFICATIONS:
4.1 CURRENT RATING: 13 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

5. MATING PART: AT04-12PX* RECEPTACLE
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

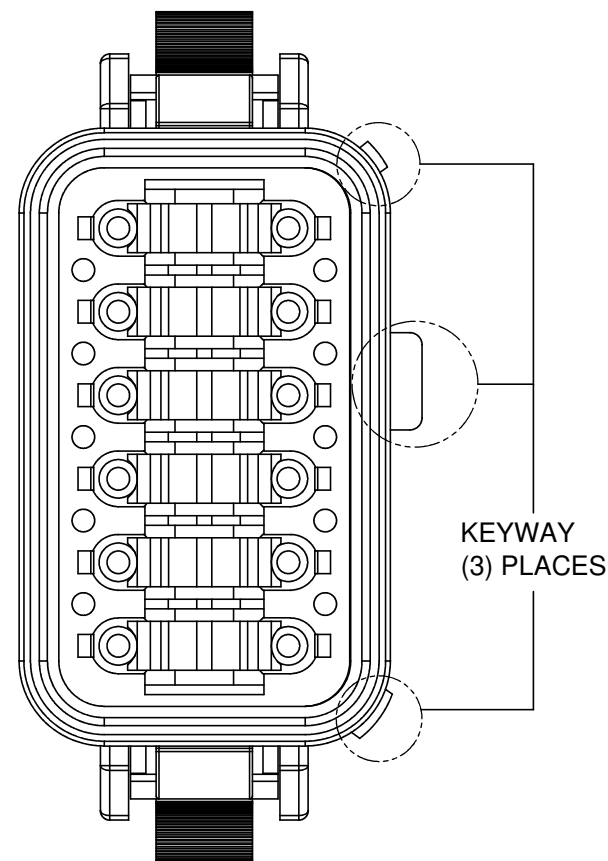
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

TITLE: PLUG, 12 SOCKET, AT SERIES, KEYED
DWG NO.: AT06-12SX-XXX
REV: A3
SH: 1
OF: 2

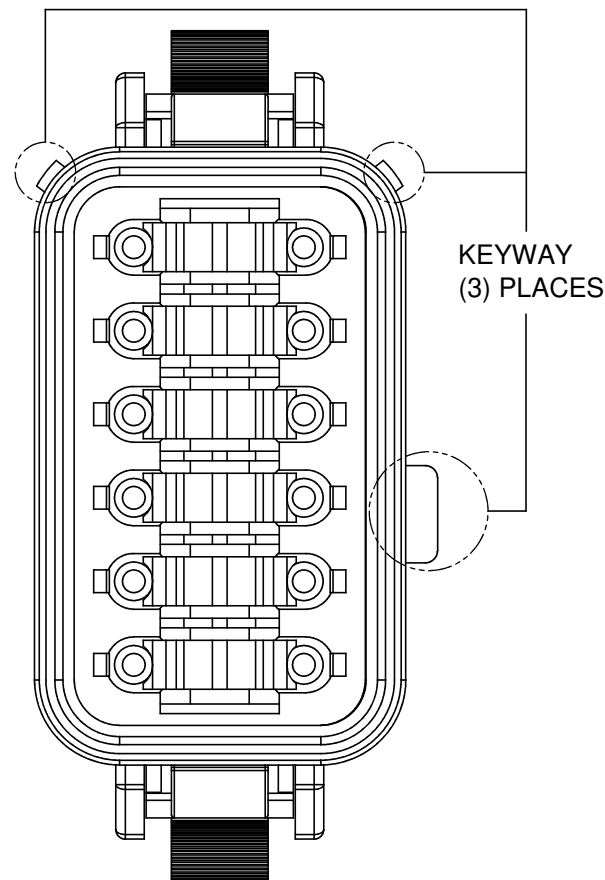
QUANTITY	SEE SHEET 2 PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference = X		SIGNATURES DRAWN: JARRY CHECKED: ENGINEER: APPROVAL:	DATE 02JAN14
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		PLUG, 12 SOCKET, AT SERIES, KEYED	
NEXT ASSY:	THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	SIZE: B C- SCALE: NONE	DWG NO.: AT06-12SX-XXX REVISION: A3 SHEET 1 OF 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

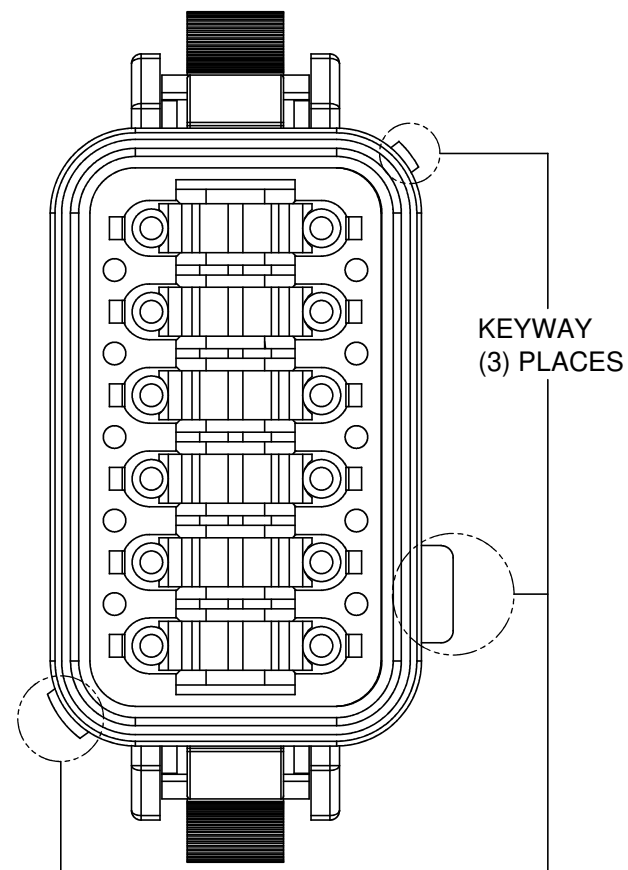
P/N AT06-12SA
KEY-A CONFIGURATION
STANDARD COLOR: GREY



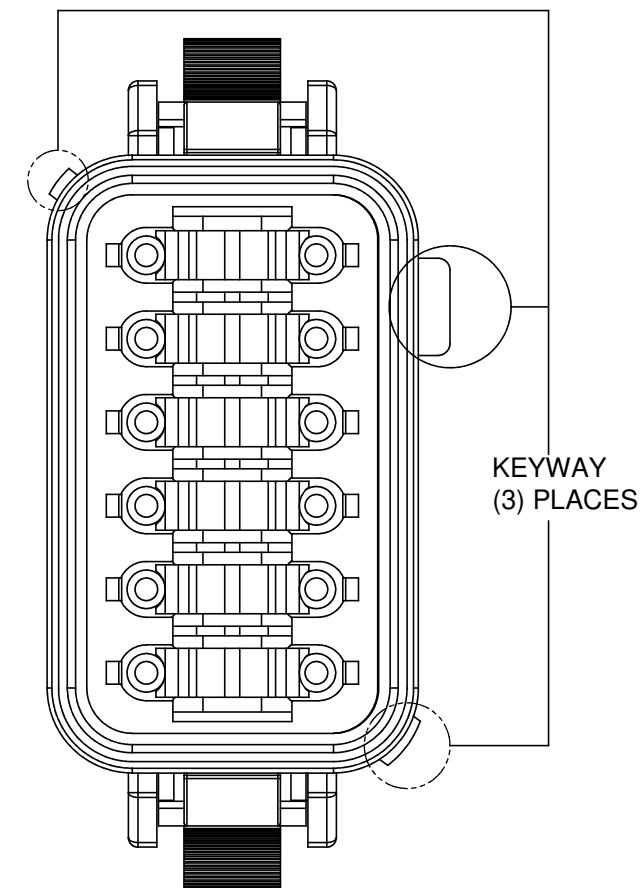
P/N AT06-12SB
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



P/N AT06-12SC
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



P/N AT06-12SD
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	AT06-12SA
BLACK	AT06-12SA-BLK
GREEN	AT06-12SA-GRN
BROWN	AT06-12SA-BRN

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SB-GRY
* BLACK	AT06-12SB
GREEN	AT06-12SB-GRN
BROWN	AT06-12SB-BRN

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SC-GRY
BLACK	AT06-12SC-BLK
* GREEN	AT06-12SC
BROWN	AT06-12SC-BRN

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SD-GRY
BLACK	AT06-12SD-BLK
GREEN	AT06-12SD-GRN
* BROWN	AT06-12SD

NOTE:

AN ASTERISKS (*) PLACED BEFORE THE COLOR DENOTES THE STANDARD MOLDED COLOR OF THE CONNECTORS SHOWN ABOVE.

OTHER COLORS SHOWN ARE AVAILABLE VIA SPECIAL ORDER.

TITLE: PLUG, 12 SOCKET, AT SERIES, KEYED
DWG NO.: AT06-12SX-XXX
REV: A3
SH: 2
OF: 2

QUANTITY	PART NUMBER	DESCRIPTION	ITEM										
MATERIALS LIST													
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DRAWN: JARRY	02JAN14												
CHECKED:													
ENGINEER:													
APPROVAL:													
MATERIAL SPECIFICATIONS:		<p style="text-align: center;">Amphenol</p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>											
PROCESS SPECIFICATIONS:		<p style="text-align: center;">PLUG, 12 SOCKET, AT SERIES, KEYED</p>											
NEXT ASSY:		<table border="1"> <tr> <td>SIZE: B C-</td> <td>DWG NO: AT06-12SX-XXX</td> <td>REVISION: A3</td> </tr> <tr> <td>SCALE: NONE</td> <td colspan="2">SHEET 2 OF 2</td> </tr> </table>		SIZE: B C-	DWG NO: AT06-12SX-XXX	REVISION: A3	SCALE: NONE	SHEET 2 OF 2					
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SCALE: NONE	SHEET 2 OF 2												