



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

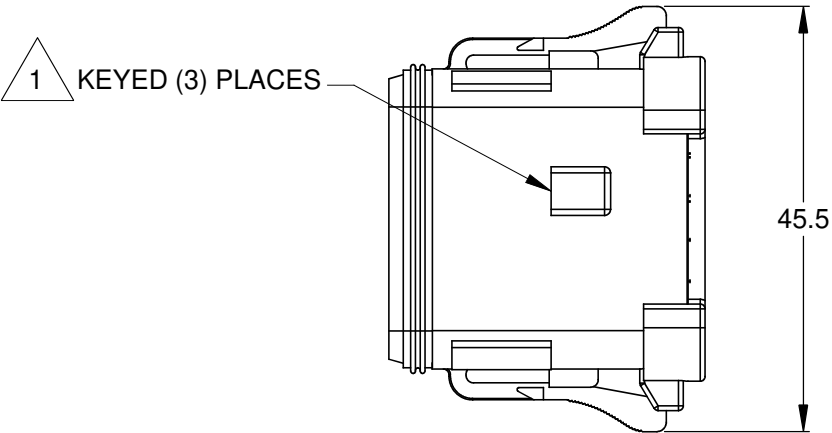
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

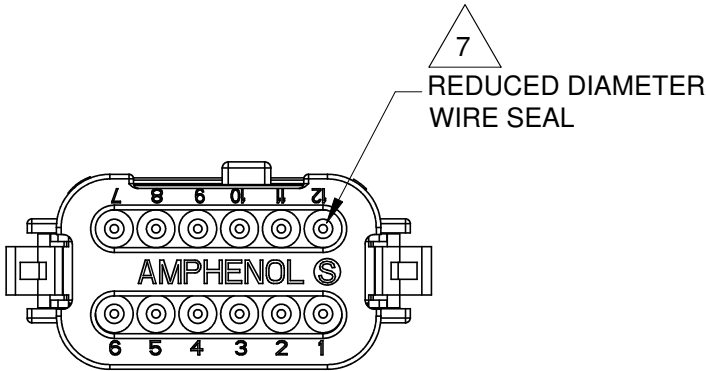
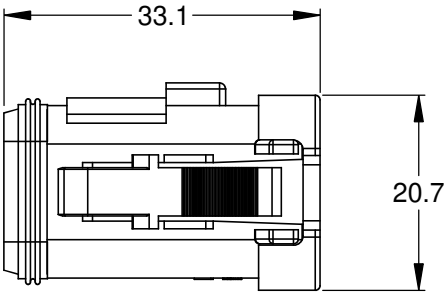
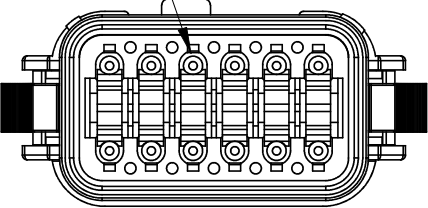
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



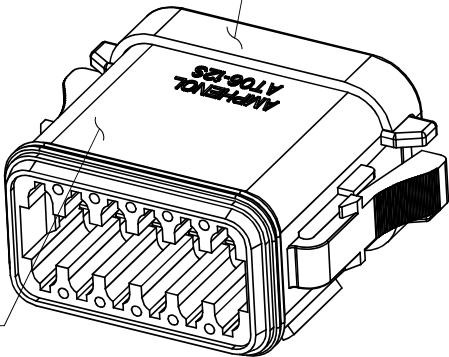
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	02JAN14	JARRY	-



REQUIRES CONTACT
RETENTION WEDGE AW12S



STANDARD END CAP



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: END CAP; REDUCED DIAMETER WIRE SEAL

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	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

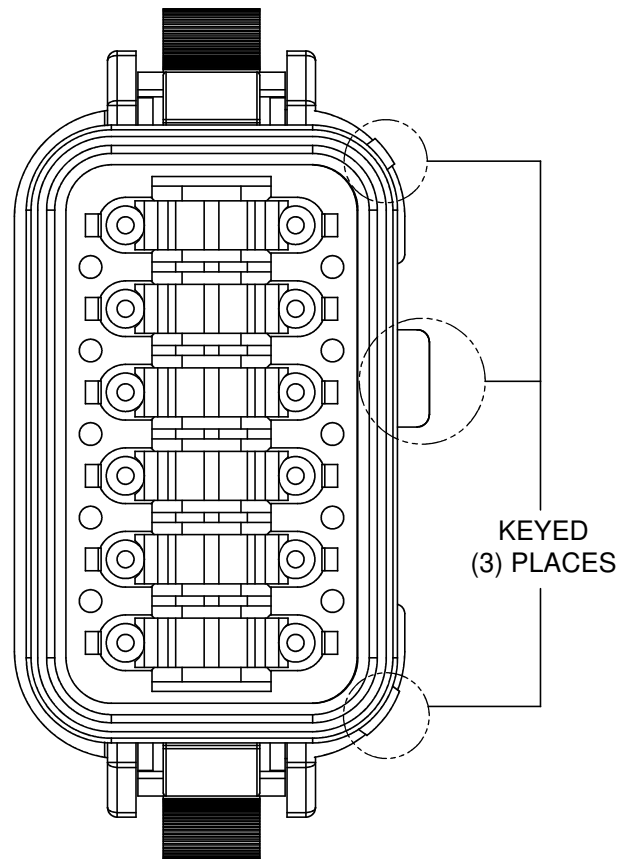
1 REFER TO SHEET 2 FOR
AVAILABLE CONNECTOR COLORS

		SEE SHEET 2			
		PART NUMBER		DESCRIPTION	
				ITEM	
QUANTITY		MATERIALS LIST			
<div>UNLESS OTHERWISE SPECIFIED</div> <div>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</div> <div>Fractions ±1/64 Angles ±1°</div> <div>3) Note reference = </div>		SIGNATURES		DATE	
		DRAWN: JARRY		02JAN14	
		CHECKED:			
		ENGINEER:			
		APPROVAL:			
MATERIAL SPECIFICATIONS:		CUSTOMER:		<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</div> <div>PLUG, 12 SOCKET, AT SERIES, END CAP, KEYED, REDUCED DIAMETER WIRE SEAL</div>	
PROCESS SPECIFICATIONS:		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.			
NEXT ASSY:					
		SIZE	TYPE	DWG NO:	REVISION
		B	C-	AT06-12SX-MMXXX	A3
		SCALE: NONE		SHEET 1 OF 2	

TITLE: PLUG, 12 SOCKET, AT END CAP, KEYED, REDUCED DIA. WIRE SEAL
DWG NO.: AT06-12SX-MMXXX
REV: A3
SH: 1
OF: 2

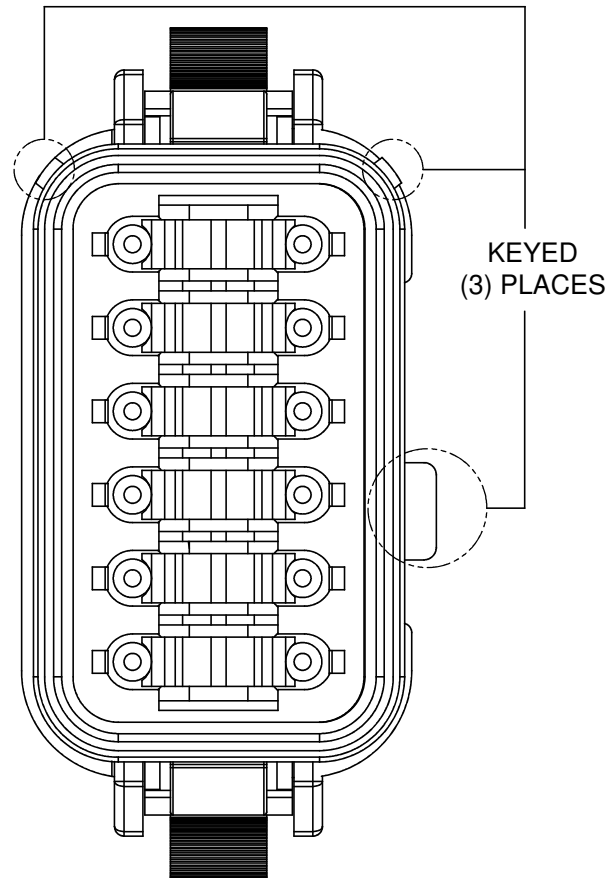
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N AT06-12SA-MM01
KEY-A CONFIGURATION
STANDARD COLOR: GREY



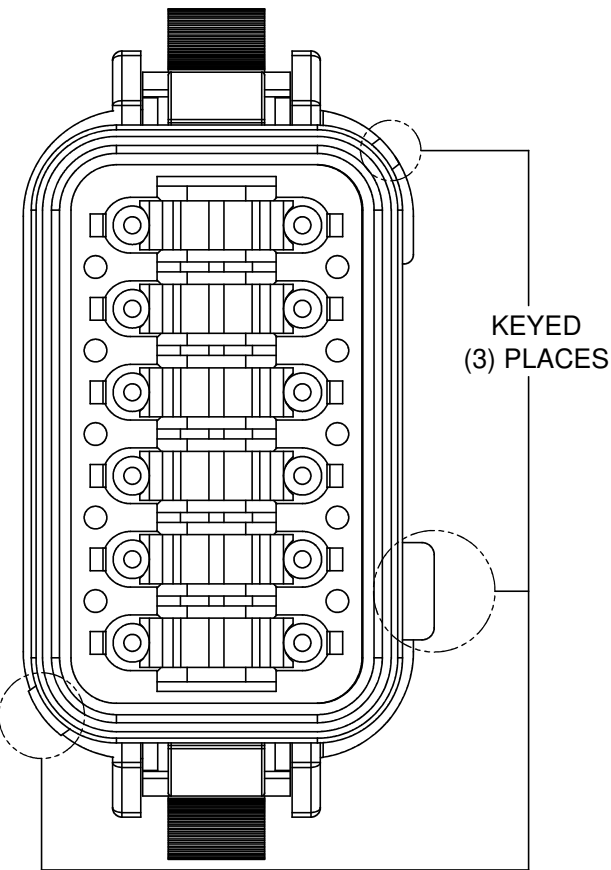
KEY-A CONFIGURATION	
COLOR	PART NUMBER
★ GREY	AT06-12SA-MM01
BLACK	AT06-12SA-MMBLK
GREEN	AT06-12SA-MMGRN
BROWN	AT06-12SA-MMBRN

P/N AT06-12SB-MM01
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



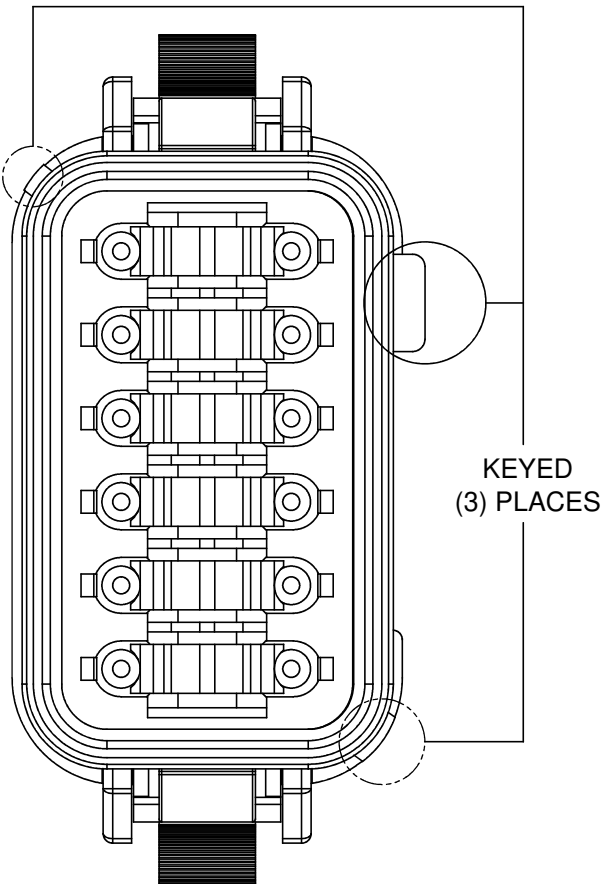
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SB-MMGRY
★ BLACK	AT06-12SB-MM01
GREEN	AT06-12SB-MMGRN
BROWN	AT06-12SB-MMBRN

P/N AT06-12SC-MM01
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SC-MMGRY
BLACK	AT06-12SC-MMBLK
★ GREEN	AT06-12SC-MM01
BROWN	AT06-12SC-MMBRN

P/N AT06-12SD-MM01
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SD-MMGRY
BLACK	AT06-12SD-MMBLK
GREEN	AT06-12SD-MMGRN
★ BROWN	AT06-12SD-MM01

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.

QUANTITY	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 3) Note reference =		SIGNATURES DRAWN: JARRY CHECKED: ENGINEER: APPROVAL: DATE 02JAN14	<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</div> <div>PLUG, 12 SOCKET, AT SERIES, END CAP, KEYED, REDUCED DIAMETER WIRE SEAL</div>
MATERIAL SPECIFICATIONS:		CUSTOMER:	
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NEXT ASSY:			
SIZE B	TYPE C-	DWG NO: AT06-12SX-MMXXX	REVISION A3
SCALE: NONE		SHEET 2 OF 2	

TITLE: PLUG, 12 SOCKET, AT, END CAP, KEYED, REDUCED DIA. WIRE SEAL
DWG NO.: AT06-12SX-MMXXX
REV: A3
SH: 2
OF: 2