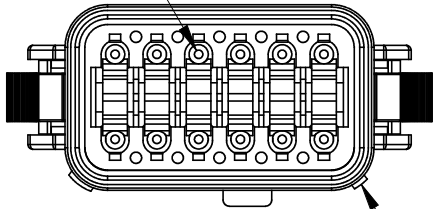


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	02JAN14	JARRY	-

REQUIRES CONTACT
RETENTION WEDGE AW12S



1

KEYED (3) PLACES

NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

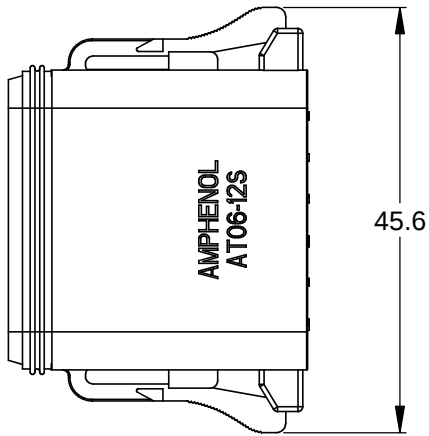
2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: REDUCED DIAMETER WIRE SEAL

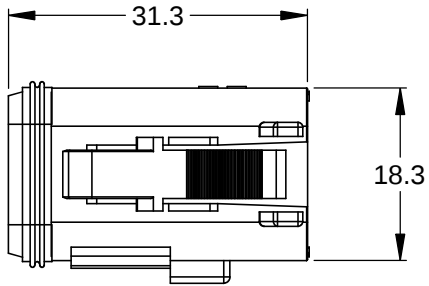
4. SPECIFICATIONS:
4.1 CURRENT RATING: 13 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: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

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

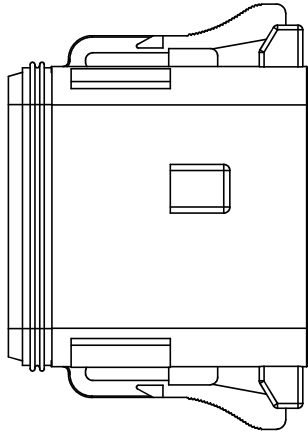
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



45.6



18.3



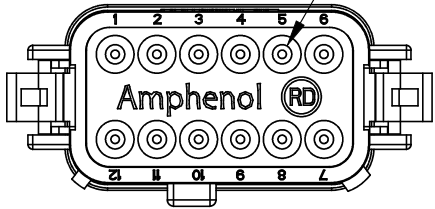
7

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

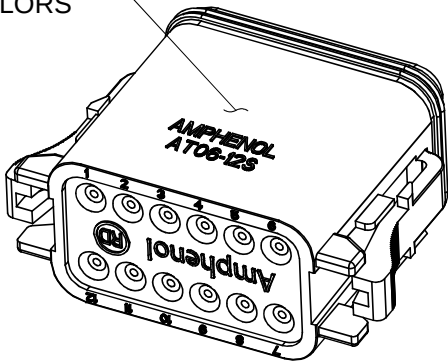
7

REDUCED DIAMETER
WIRE SEAL



1

REFER TO SHEET 2 FOR
AVAILABLE CONNECTOR COLORS



SEE SHEET 2			
PART NUMBER		DESCRIPTION	
QUANTITY	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: CUSTOMER:	DATE 02JAN14
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 PLUG, 12 SOCKET, KEYED, AT SERIES, REDUCED DIAMETER WIRE SEAL	
PROCESS SPECIFICATIONS:			
NEXT ASS'Y:		SIZE B	TYPE C-
		DWG NO: AT06-12SX-RDXXX	
		SCALE: NONE	REVISION A3
		SHEET 1 OF 2	

TITLE: PLUG, 12 SOCKET, KEYED, AT SERIES, REDUCED DIA WIRE SEAL

DWG NO:

AT06-12SX-RDXXX

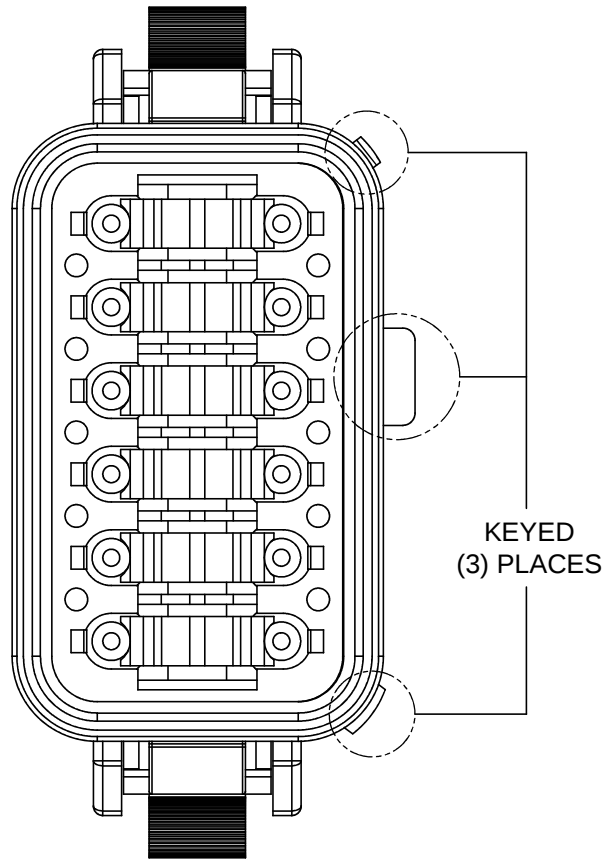
REV: A3

SH: 1

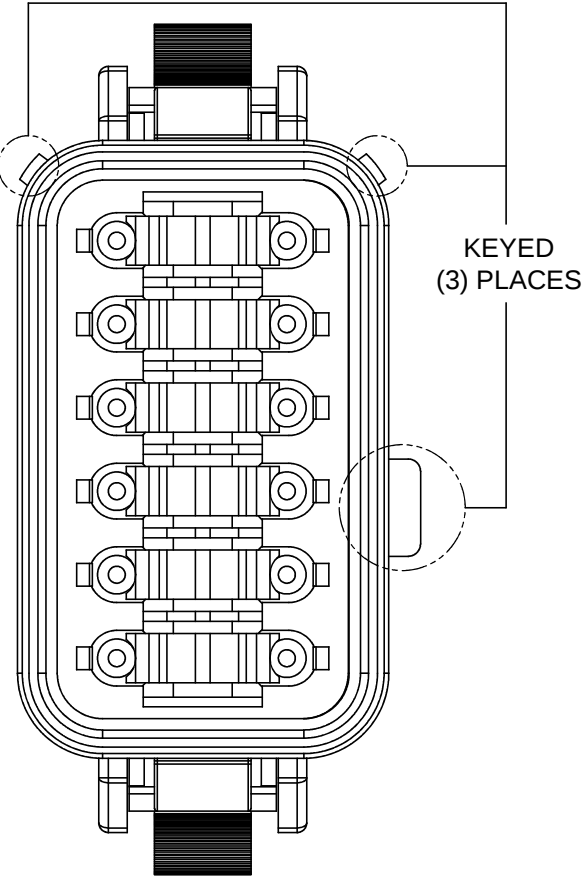
OF: 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

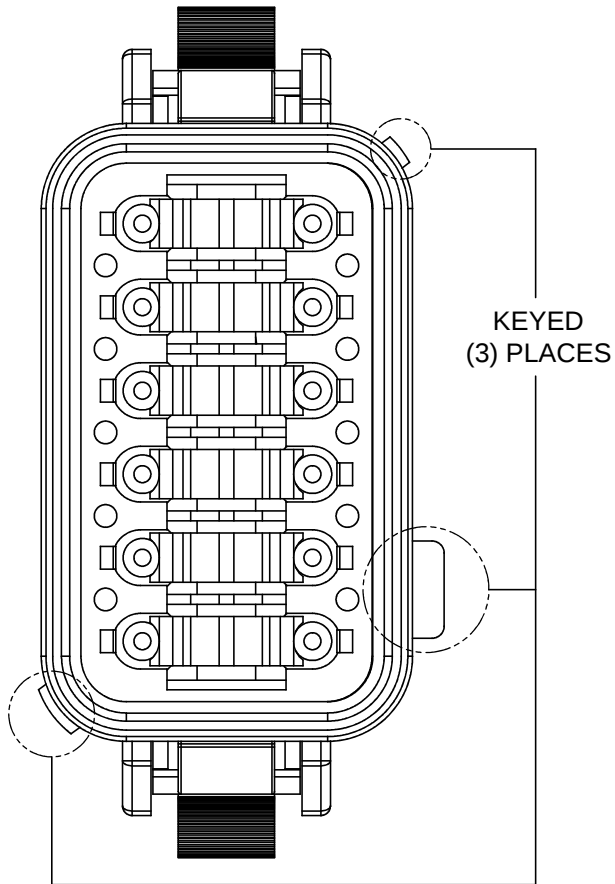
P/N AT06-12SA-RD01
KEY-A CONFIGURATION
STANDARD COLOR: GREY



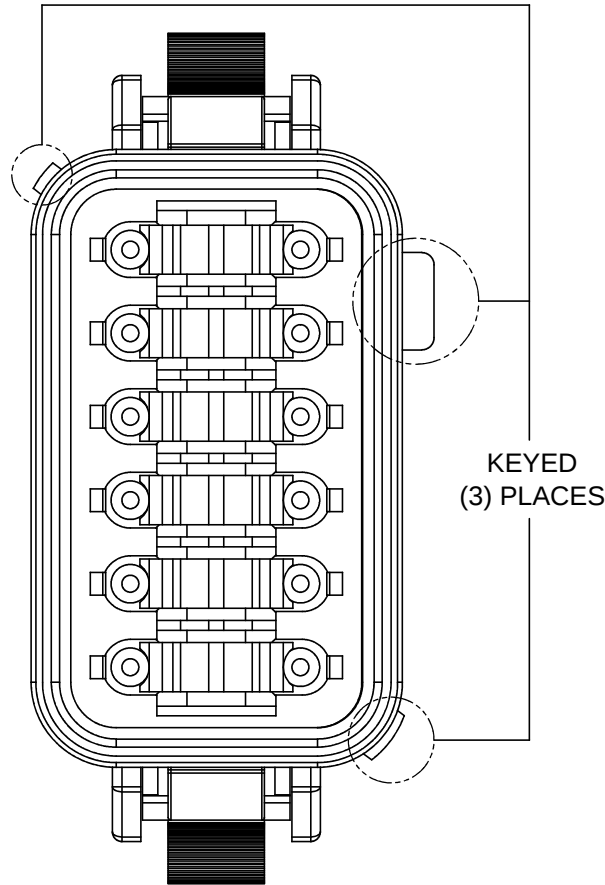
P/N AT06-12SB-RD01
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



P/N AT06-12SC-RD01
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



P/N AT06-12SD-RD01
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-A CONFIGURATION	
COLOR	PART NUMBER
*GREY	AT06-12SA-RD01
BLACK	AT06-12SA-RDBLK
GREEN	AT06-12SA-RDGRN
BROWN	AT06-12SA-RDBRN

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SB-RDGRY
*BLACK	AT06-12SB-RD01
GREEN	AT06-12SB-RDGRN
BROWN	AT06-12SB-RDBRN

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SC-RDGRY
BLACK	AT06-12SC-RDBLK
*GREEN	AT06-12SC-RD01
BROWN	AT06-12SC-RDBRN

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SD-RDGRY
BLACK	AT06-12SD-RDBLK
GREEN	AT06-12SD-RDGRN
*BROWN	AT06-12SD-RD01

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.

PART NUMBER		DESCRIPTION		ITEM
QUANTITY	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 = X		SIGNATURES DRAWN: JARRY CHECKED: ENGINEER: APPROVAL:	DATE 02JAN14	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		PLUG, 12 SOCKET, KEYED, AT SERIES, REDUCED DIAMETER WIRE SEAL		
PROCESS SPECIFICATIONS:		SIZE: B C- TYPE: DWG NO: AT06-12SX-RDXXX REVISION: A3		
NEXT ASS'Y:		SCALE: NONE SHEET 2 OF 2		
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TITLE: PLUG, 12 SOCKET, KEYED, AT SERIES, REDUCED DIA WIRE SEAL
DWG NO: AT06-12SX-RDXXX
REV: A3
SH: 2
OF: 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AT06-12SA-RDBLK](#)