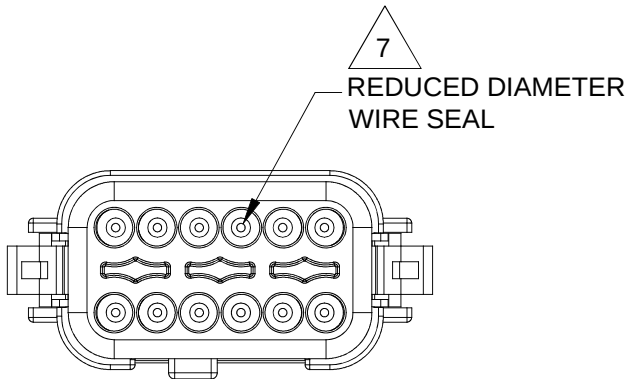
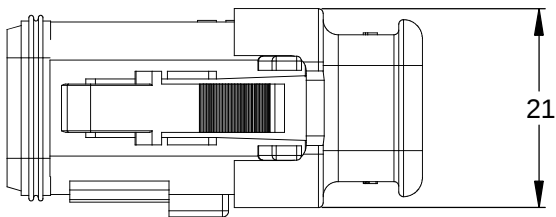
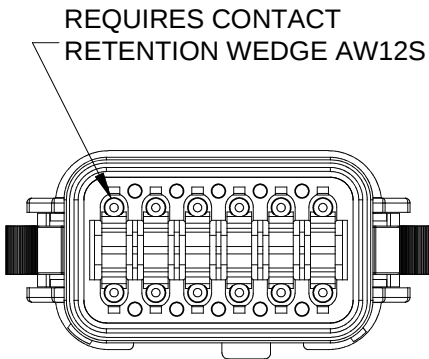
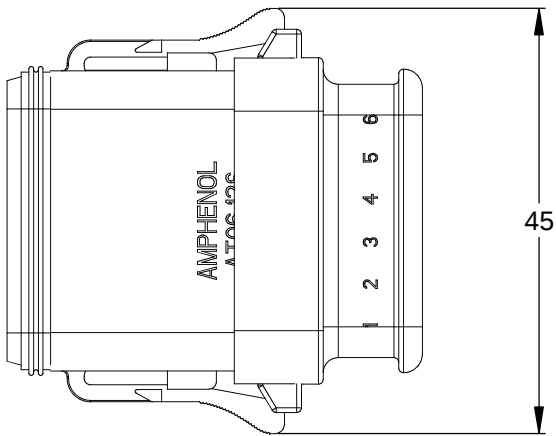


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	11EC13	DRP	-



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: STRAIN RELIEF END CAP;
REDUCED DIA. 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

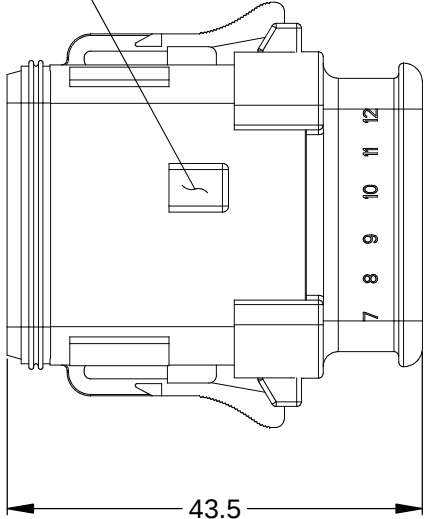
5. MATING PART: AT04-12PX* RECEPTACLE
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

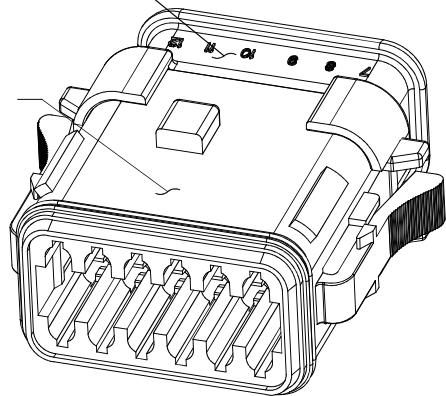
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

1 KEYED 3 PLACES



STRAIN RELIEF END CAP - BLACK - ALL CONNECTORS

1 REFER TO SHEET 2 FOR AVAILABLE CONNECTOR HOUSING COLORS



SEE SHEET 2			
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 Fractions ±1/64 Angles ±1° 3) Note reference = x		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL: CUSTOMER:	DATE 11DEC13
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		PLUG,12 SOCKET,AT SERIES,KEYED,STRAIN RELIEF END CAP, REDUCED DIA SEAL	
NEXT ASSY:		SIZE B	TYPE C-
		DWG NO: AT06-12SX-SR2XX	REVISION A3
		SCALE: NONE	SHEET 1 OF 2

TITLE: PLUG, 12 POS, AT, KEYED, STRAIN RELIEF, REDUCED DIA SEAL

DWG NO:

AT06-12SX-SR2XX

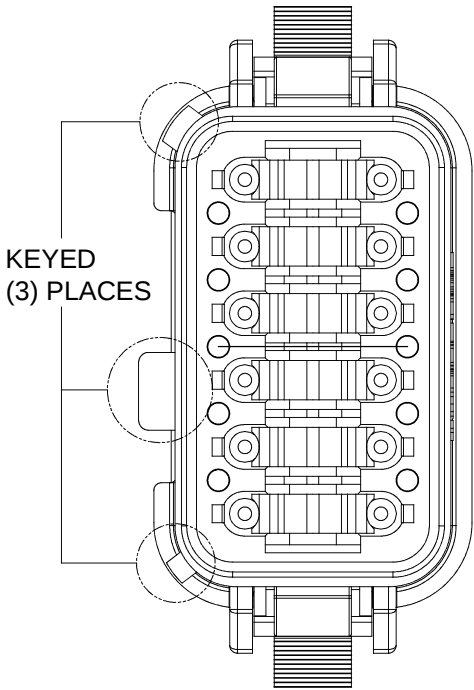
REV: A3

SH: 1

OF: 2

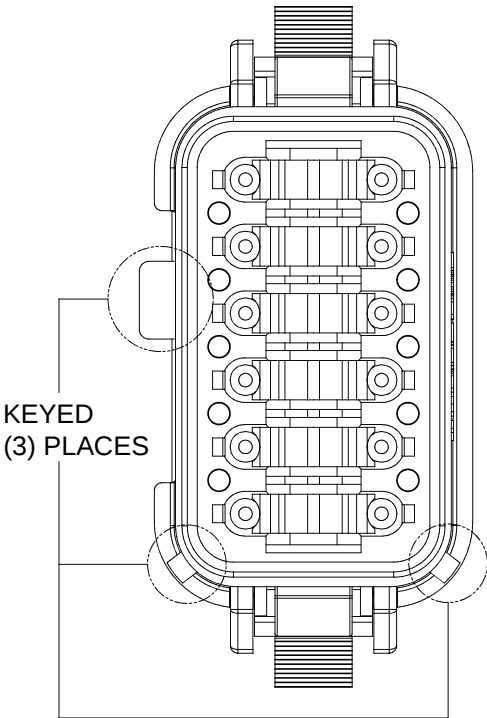
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N AT06-12SA-SR2GY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



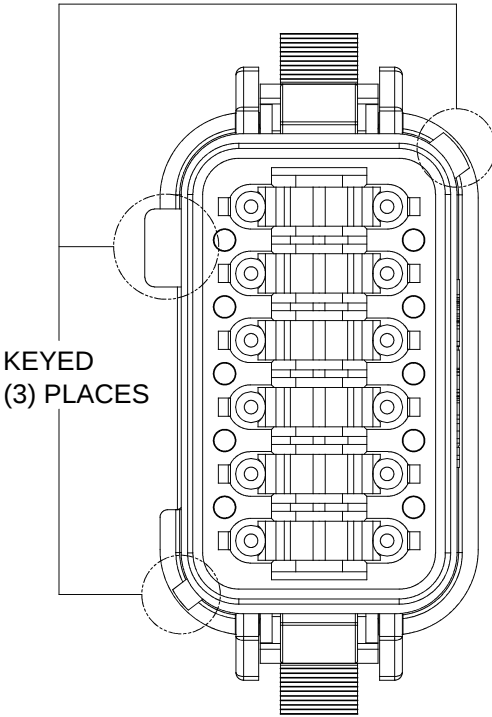
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	AT06-12SA-SR2GY
BLACK	AT06-12SA-SR2BK
GREEN	AT06-12SA-SR2GN
BROWN	AT06-12SA-SR2BR

P/N AT06-12SB-SR2BK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



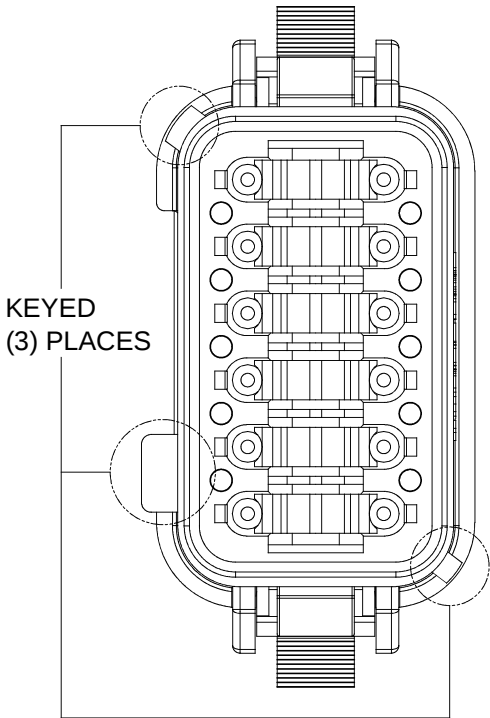
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SB-SR2GY
* BLACK	AT06-12SB-SR2BK
GREEN	AT06-12SB-SR2GN
BROWN	AT06-12SB-SR2BR

P/N AT06-12SC-SR2GN
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SC-SR2GY
BLACK	AT06-12SC-SR2BK
* GREEN	AT06-12SC-SR2GN
BROWN	AT06-12SC-SR2BR

P/N AT06-12SD-SR2BR
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SD-SR2GY
BLACK	AT06-12SD-SR2BK
GREEN	AT06-12SD-SR2GN
* BROWN	AT06-12SD-SR2BR

NOTE:

AN ASTERISKS (*) PLACED BEFORE THE COLOR DENOTES THE STANDARD MOLDED COLOR OF THE CONNECTORS SHOWN ABOVE. STRAIN RELIEF END CAPS ARE AVAILABLE IN BLACK ONLY.

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 = 		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL:	DATE 11DEC13	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		PLUG,12 SOCKET,AT SERIES,KEYED,STRAIN RELIEF END CAP, REDUCED DIA SEAL		
PROCESS SPECIFICATIONS:		SIZE B TYPE C- DWG NO: AT06-12SX-SR2XX REVISION A3		
NEXT ASS'Y:		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. SCALE: NONE SHEET 2 OF 2		

TITLE: PLUG, 12 POS, AT, KEYED, STRAIN RELIEF, REDUCED DIA SEAL
DWG NO: AT06-12SX-SR2XX
REV: A3
SH: 2
OF: 2

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[AT06-12SC-SR2GN](#)