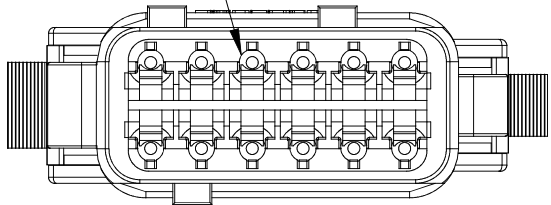
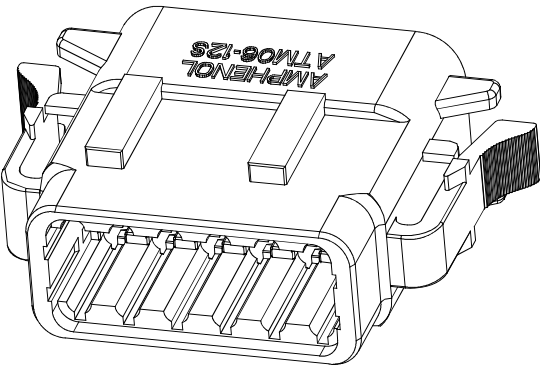
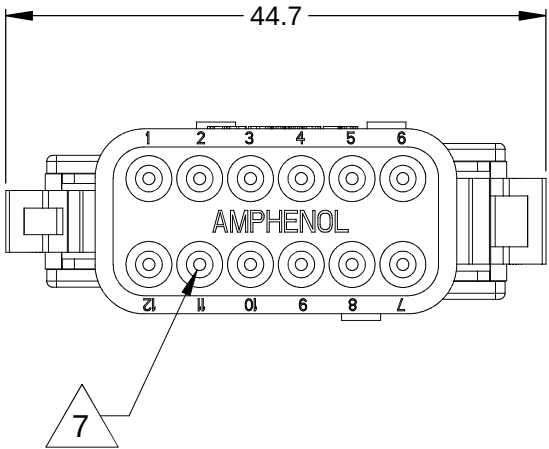
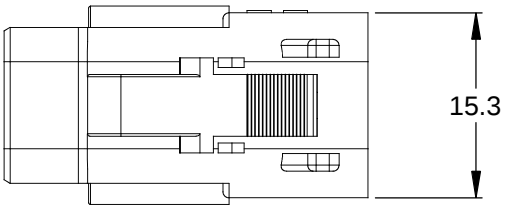
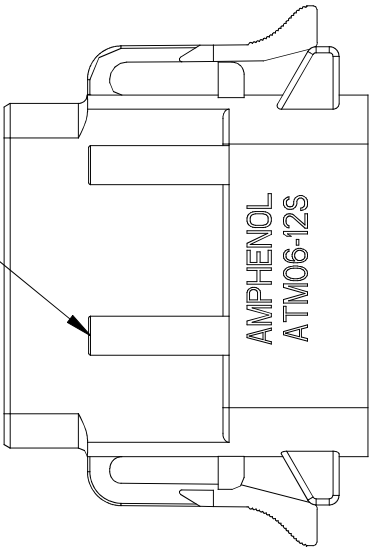


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	06/07/13	DRP	

REQUIRES CONTACT
RETENTION WEDGE AWM-12S



1
KEYED (3) PLACES



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

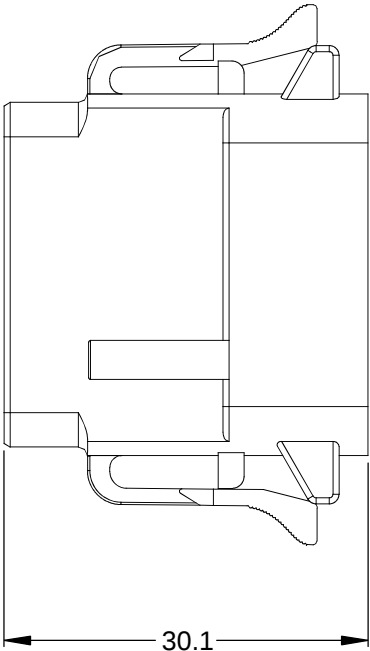
2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: N/A

4. SPECIFICATIONS:
4.1 CURRENT RATING: 7.5 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: ATM04-12PX* 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
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG

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 = x Fractions ±1/64 Angles ±1°		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL: CUSTOMER: 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.	DATE 18/JUN/13	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:		PLUG, KEYED, 12 SOCKET, ATM SERIES			
PROCESS SPECIFICATIONS:		SIZE B	TYPE C-	DWG NO: ATM06-12SX-XXX	REVISION A3
NEXT ASS'Y:		SCALE: NONE		SHEET 1 OF 2	

REV

ECO

DESCRIPTION

DATE

BY

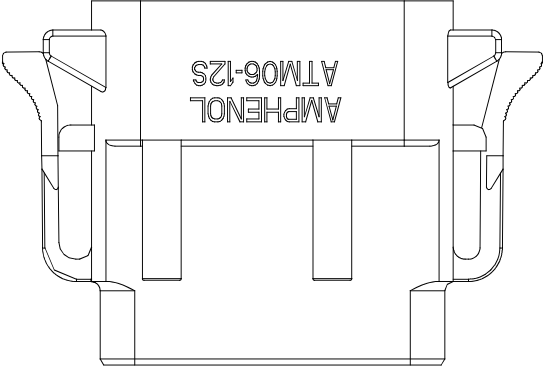
APPR

REVISIONS

P/N ATM06-12SA

KEY-A CONFIGURATION

STANDARD COLOR: GREY



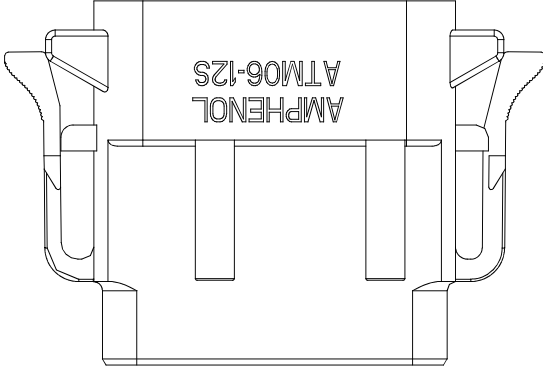
KEYED (3) PLACES

KEY-A CONFIGURATION	
COLOR	PART NUMBER
*GREY	ATM06-12SA
BLACK	ATM06-12SA-BLK
GREEN	ATM06-12SA-GRN
BROWN	ATM06-12SA-BRN

P/N ATM06-12SB

KEY-B CONFIGURATION

STANDARD COLOR: BLACK



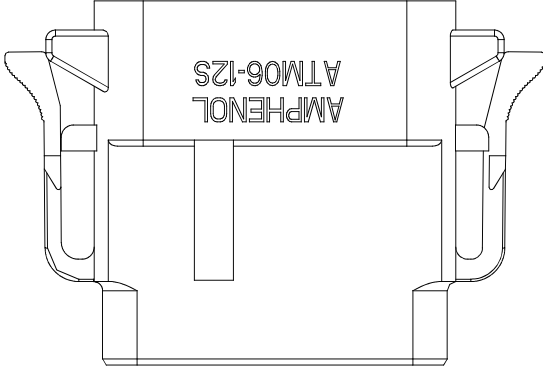
KEYED (3) PLACES

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-12SB-GRY
*BLACK	ATM06-12SB
GREEN	ATM06-12SB-GRN
BROWN	ATM06-12SB-BRN

P/N ATM06-12SC

KEY-C CONFIGURATION

STANDARD COLOR: GREEN



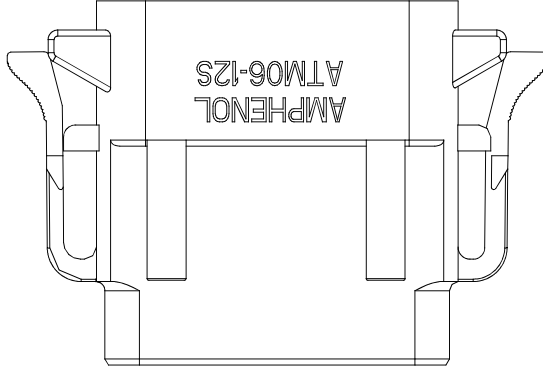
KEYED (3) PLACES

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-12SC-GRY
BLACK	ATM06-12SC-BLK
*GREEN	ATM06-12SC
BROWN	ATM06-12SC-BRN

P/N ATM06-12SD

KEY-D CONFIGURATION

STANDARD COLOR: BROWN



KEYED (3) PLACES

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-12SD-GRY
BLACK	ATM06-12SD-BLK
GREEN	ATM06-12SD-GRN
*BROWN	ATM06-12SD

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.

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 Fractions ±1/64 Angles ±1° 3) Note reference = 		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL: CUSTOMER: 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.	DATE 18/JUN/13
MATERIAL SPECIFICATIONS:		REVISION A3	
PROCESS SPECIFICATIONS:		DWG NO: ATM06-12SX-XXX	
NEXT ASSY:		SCALE: NONE	

TITLE: PLUG, KEYED, 12 SOCKET, ATM SERIES

DWG NO: ATM06-12SX-XXX

REV: A3

SH: 2

OF: 2

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[ATM06-12SA](#)