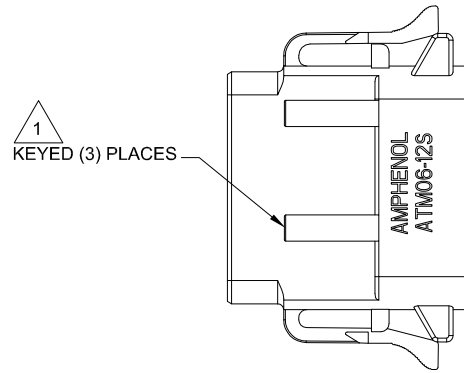
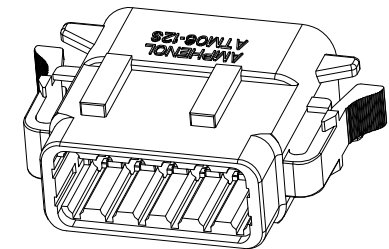
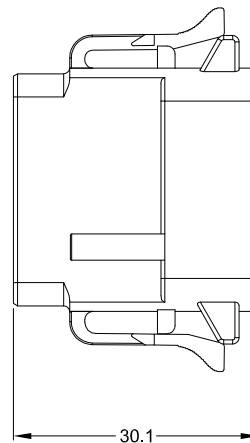
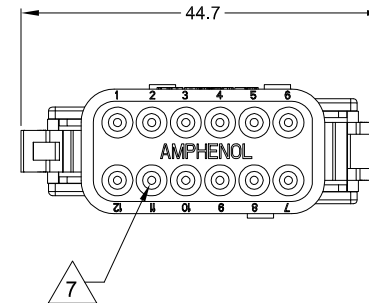
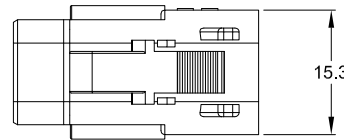
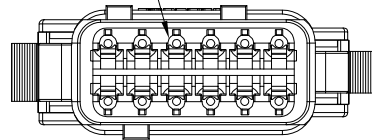


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	06/07/13	DRP	



REQUIRES CONTACT RETENTION WEDGE AWM-12S



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:

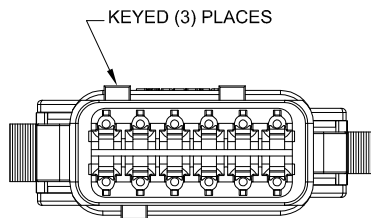
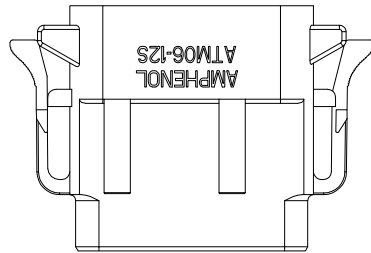
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG

SEE SHEET 2		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	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: CUSTOMER:		DATE 18JUN13
MATERIAL 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.		
PROCESS SPECIFICATIONS:		SCALE: NONE		
NEXT ASSY:		SHEET 1 OF 2		
		<p style="text-align: center;"><b>Amphenol</b></p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p style="text-align: center;">PLUG, KEYED, 12 SOCKET, ATM SERIES</p> <p style="text-align: center;">SIZE: B C-    TYPE:    DWG NO: ATM06-12SX-XXX    REVISION: A3</p>		

TITLE: PLUG, KEYED, 12 SOCKET, ATM SERIES  
DWG NO.: ATM06-12SX-XXX  
REV: A3  
SH: 1  
OF: 2

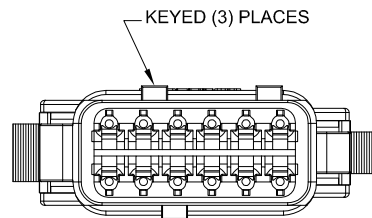
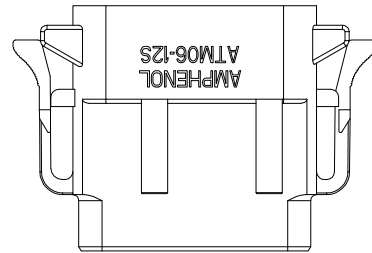
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N ATM06-12SA  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



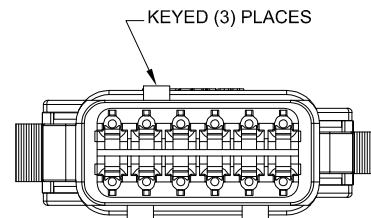
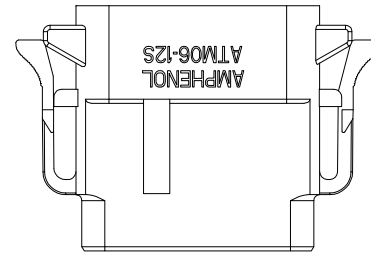
KEY-A CONFIGURATION	
COLOR	PART NUMBER
<b>* GREY</b>	<b>ATM06-12SA</b>
BLACK	ATM06-12SA-BLK
GREEN	ATM06-12SA-GRN
BROWN	ATM06-12SA-BRN

P/N ATM06-12SB  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



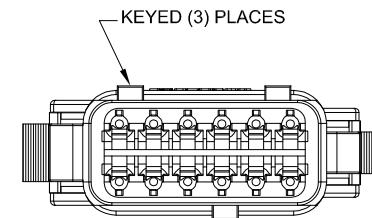
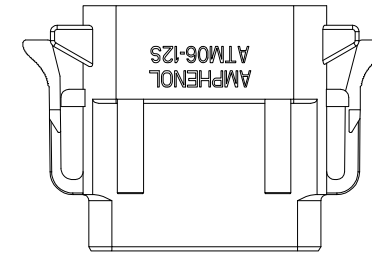
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-12SB-GRY
<b>* BLACK</b>	<b>ATM06-12SB</b>
GREEN	ATM06-12SB-GRN
BROWN	ATM06-12SB-BRN

P/N ATM06-12SC  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



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

P/N ATM06-12SD  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN



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

**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, KEYED, 12 SOCKET, ATM SERIES  
DWG NO.: ATM06-12SX-XXX  
REV: A3  
SH: 2  
OF: 2

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
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: D.PARKS DATE: 18JUN13 CHECKED: ENGINEER: APPROVAL: CUSTOMER:	<div style="text-align: center;"> <h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> </div> <p style="text-align: center;"><b>PLUG, KEYED, 12 SOCKET, ATM SERIES</b></p>
MATERIAL SPECIFICATIONS:  PROCESS SPECIFICATIONS:  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.	REVISION: <b>A3</b> SIZE: <b>B C-</b> DWG NO.: <b>ATM06-12SX-XXX</b> SCALE: <b>NONE</b>
		SHEET 2 OF 2	