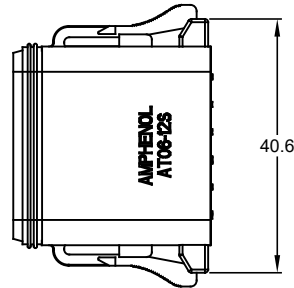
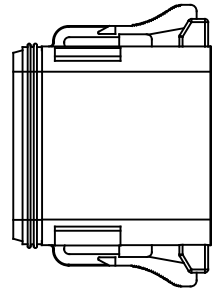
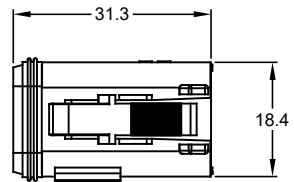


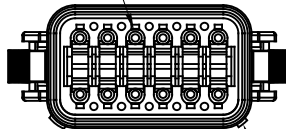
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	06JUN17	ORION	TOMMY



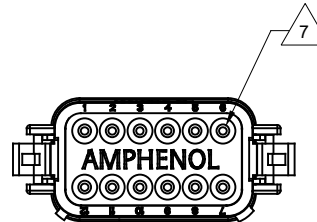
40.6



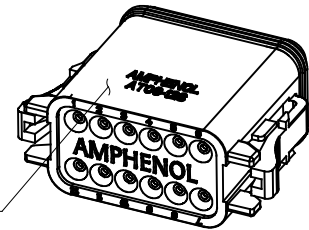
REQUIRES CONTACT RETENTION WEDGE AW12S



1 KEYWAY (3) PLACES



1 REFER TO SHEET 2 FOR AVAILABLE CONNECTOR COLORS



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
3. MODIFICATIONS: STANDARD WIRE SEAL

4. SPECIFICATIONS:
- 4.1 CURRENT RATING: 13 AMPS
 - 4.2 OPERATING TEMPERATURE: -55癈 TO +125癈
 - 4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25癈.
 - 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:

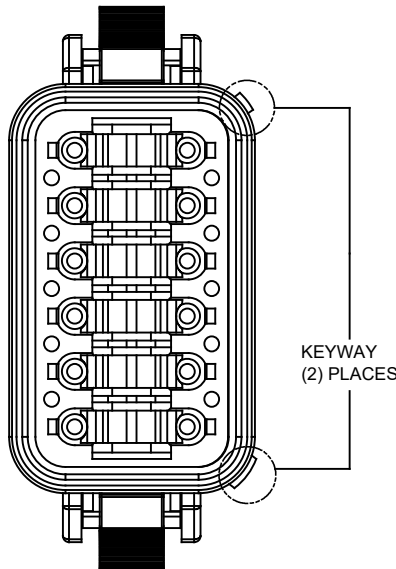
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

QUANTITY	SEE SHEET 2	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN: ORION LI		06JUN17
2) Tolerances are as follows:		CHECKED:		
1 PL DEC ±0.30		ENGINEER:		
2 PL DEC ±0.15		APPROVAL: TOMMY XIE		06JUN17
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference =		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.		
MATERIAL SPECIFICATIONS:		SIZE		TYPE
PROCESS SPECIFICATIONS:		DWG NO.		REVISION
NEXT ASSY:		B C-		AT06-12SX12-XXX
		SCALE: NONE		A3
		SHEET 1 OF 2		

TITLE: PLUG, 12 SOCKET, AT SERIES, KEYED
DWG NO.: AT06-12SX12-XXX
REV: A3
SH: 1
OF: 2

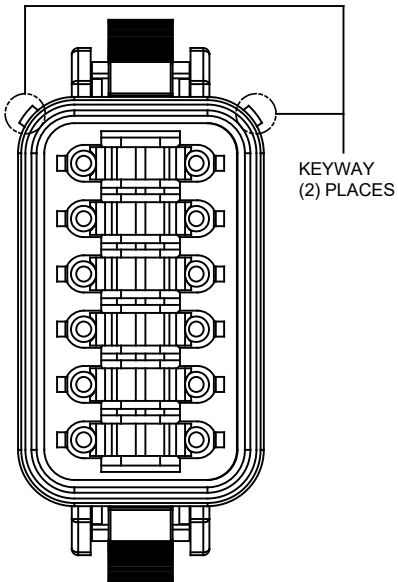
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	06JUN17	ORION	TOMMY

P/N AT06-12SX1
KEY-A CONFIGURATION
STANDARD COLOR: GREY



KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	AT06-12SX1
BLACK	AT06-12SX1-BLK
GREEN	AT06-12SX1-GRN
BROWN	AT06-12SX1-BRN

P/N AT06-12SX2
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SX2-GRY
* BLACK	AT06-12SX2
GREEN	AT06-12SX2-GRN
BROWN	AT06-12SX2-BRN

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															
<small>UNLESS OTHERWISE SPECIFIED</small> 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =		<table border="1"> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>DRAWN: ORION LI</td> <td>06JUN17</td> </tr> <tr> <td>CHECKED:</td> <td></td> </tr> <tr> <td>ENGINEER:</td> <td></td> </tr> <tr> <td>APPROVAL: TOMMY XIE</td> <td>06JUN17</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </table>		SIGNATURES	DATE	DRAWN: ORION LI	06JUN17	CHECKED:		ENGINEER:		APPROVAL: TOMMY XIE	06JUN17	CUSTOMER:	
SIGNATURES	DATE														
DRAWN: ORION LI	06JUN17														
CHECKED:															
ENGINEER:															
APPROVAL: TOMMY XIE	06JUN17														
CUSTOMER:															
MATERIAL SPECIFICATIONS:		<div style="text-align: center;"> <h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p>PLUG, 12 SOCKET, AT SERIES, KEYPED</p> </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.	<table border="1"> <tr> <td>SIZE</td> <td>TYPE</td> <td>DWG NO.</td> <td>REVISION</td> </tr> <tr> <td>B</td> <td>C-</td> <td>AT06-12SX12-XXX</td> <td>A3</td> </tr> </table>	SIZE	TYPE	DWG NO.	REVISION	B	C-	AT06-12SX12-XXX	A3				
SIZE	TYPE	DWG NO.	REVISION												
B	C-	AT06-12SX12-XXX	A3												
NEXT ASSY:	SCALE: NONE	SHEET 2 OF 2													

TITLE: PLUG, 12 SOCKET, AT SERIES, KEYPED
 DWG NO.: AT06-12SX12-XXX
 REV: A3
 SH: 2
 OF: 2