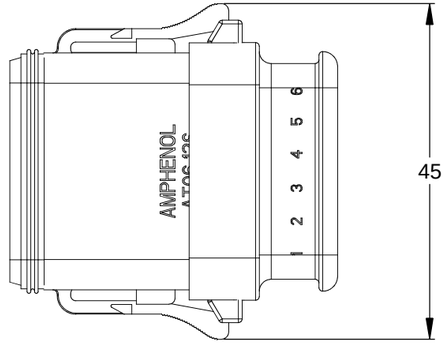
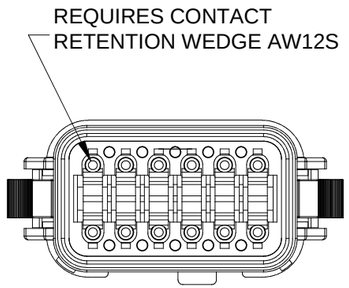
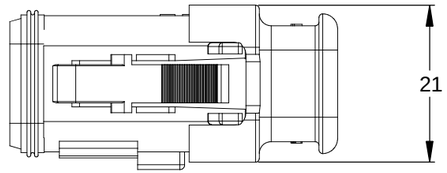
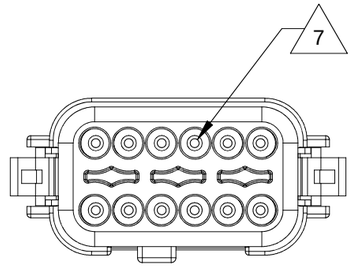
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	11DEC13	DRP	









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

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

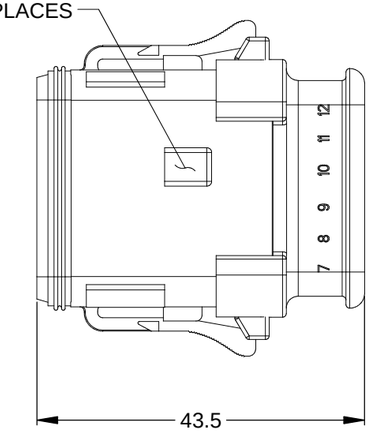
5. MATING PART: AT04-12PX* RECEPTACLE
   (X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7. CONTACT SIZE AND REAR SEAL WIRE RANGE:

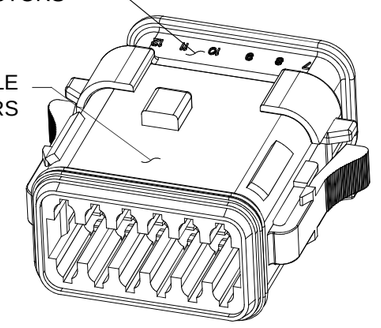
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	D.PARKS	11DEC13
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.

Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

PLUG, 12 SOCKET, AT SERIES,
KEYED, STRAIN RELIEF END CAP

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT06-12SX-SRXXX	A3

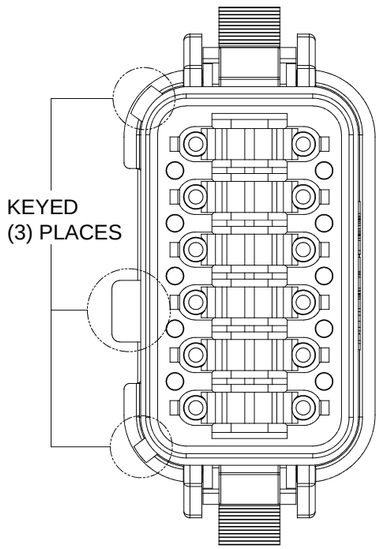
SCALE: NONE SHEET 1 OF 2

TITLE: PLUG,12 SOCKET,AT SERIES,KEYED,STRAIN RELIEF END CAP
DWG NO: AT06-12SX-SRXXX
REV: A3
SH: 1
OF: 2

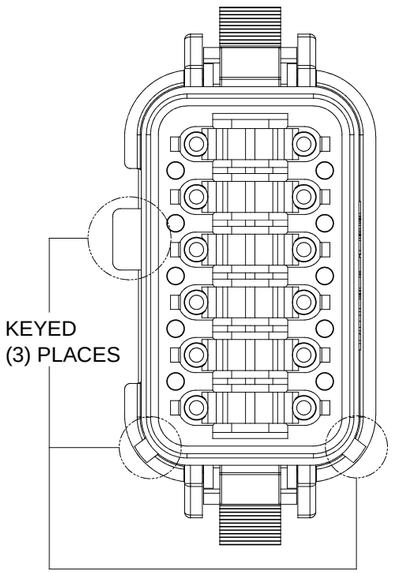
Downloaded from Arrow.com.

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

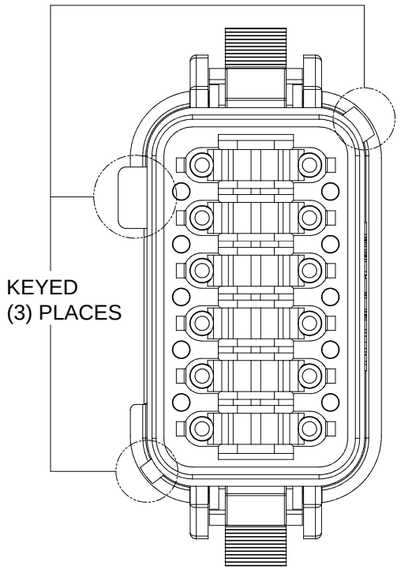
P/N AT06-12SA-SRGRY
KEY-A CONFIGURATION
STANDARD COLOR: GREY



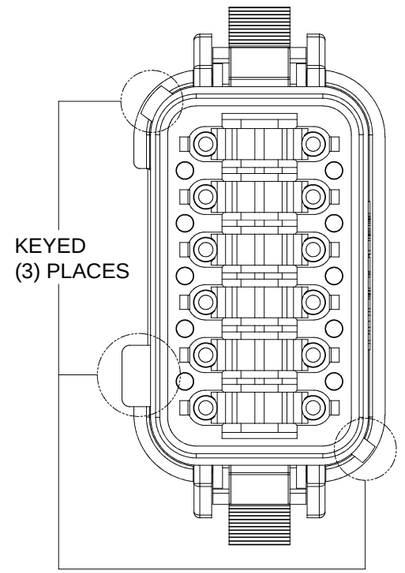
P/N AT06-12SB-SRBK
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



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



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



KEY-A CONFIGURATION	
COLOR	PART NUMBER
✱**GREY**	**AT06-12SA-SRGRY**
BLACK	AT06-12SA-SRBK
GREEN	AT06-12SA-SRGN
BROWN	AT06-12SA-SRBR

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SB-SRGRY
✱**BLACK**	**AT06-12SB-SRBK**
GREEN	AT06-12SB-SRGN
BROWN	AT06-12SB-SRBR

KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SC-SRGRY
BLACK	AT06-12SC-SRBK
✱**GREEN**	**AT06-12SC-SRGN**
BROWN	AT06-12SC-SRBR

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT06-12SD-SRGRY
BLACK	AT06-12SD-SRBK
GREEN	AT06-12SD-SRGN
✱**BROWN**	**AT06-12SD-SRBR**

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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	D.PARKS	11DEC13
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.

Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

PLUG, 12 SOCKET, AT SERIES,
KEYED, STRAIN RELIEF END CAP

SIZE	TYPE	DWG NO:	REVISION
B	C-	AT06-12SX-SRXXX	A3

SCALE: NONE SHEET 2 OF 2

TITLE: PLUG,12 SOCKET,AT SERIES,KEYED,STRAIN RELIEF END CAP
DWG NO: AT06-12SX-SRXXX
REV: A3
SH: 2
OF: 2

Downloaded from Arrow.com.