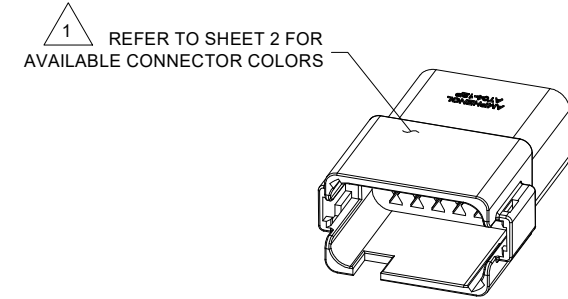
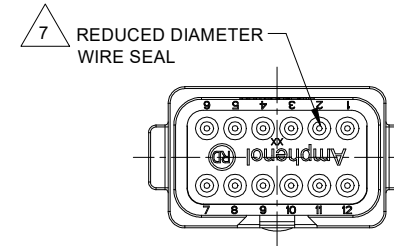
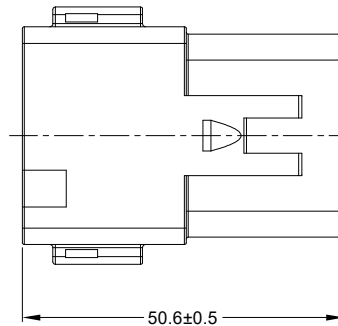
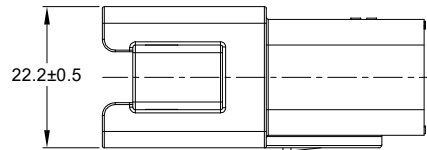
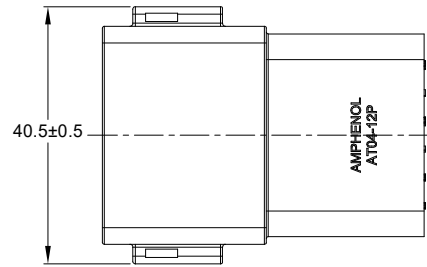
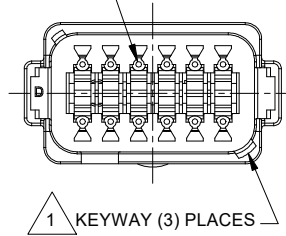


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	12NOV13	DRP	-
A4	C1403S	UPDATE THE APPEARANCE	16NOV21	LOUIE	TOMMY



REQUIRES CONTACT RETENTION WEDGE AW12P



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER

3. MODIFICATIONS: REDUCED DIAMETER 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: IP69K&IP68 (1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

5. MATING PART: AT06-12SX* PLUG
(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:

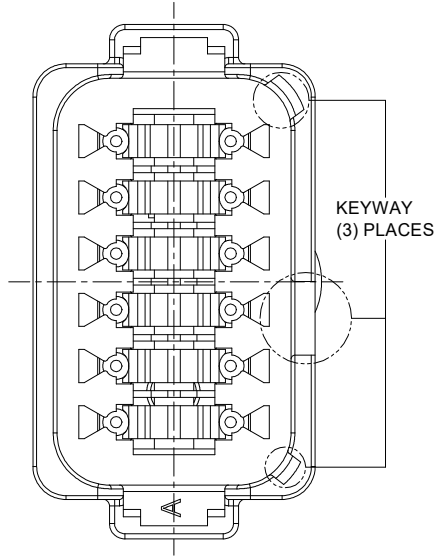
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

SEE SHEET 2		REF: DT04-12PA-CE08, DT04-12PB-CE08, DT04-12PC-CE08, DT04-12PD-CE08		ITEM
QUANTITY	PART NUMBER	DESCRIPTION		
		MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	<p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p>RECEPTACLE, 12 PIN, AT SERIES, KEYED, REDUCED DIAMETER WIRE SEAL</p>
1) All dimensions are in metric(mm).		DRAWN: LOUIE	18NOV21	
2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		CHECKED: ORION	17NOV21	
3) Note reference = 7		ENGINEER:		
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY	18NOV21	
WEIGHT: 17.7g		CUSTOMER:		
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.		
NEXT ASSY:		SCALE: NONE		
		SIZE: B C-		TYPE: AT04-12PX-RDXXX
		DWG NO: A4		REVISION: A4
		SHEET 1		OF 2

TITLE: RECEPTACLE, 12 PIN, AT SERIES, KEYED, REDUCED DIA. SEAL
DWG NO.: AT04-12PX-RDXXX
REV: A4
SH: 1
OF: 2

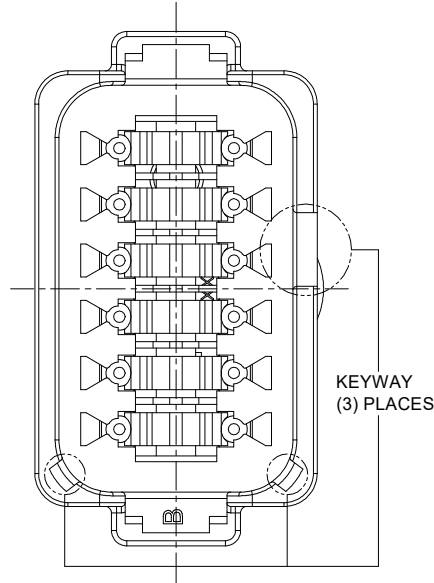
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	12NOV13	DRP	-
A4	C1403S	UPDATE THE APPEARANCE	16NOV21	LOUIE	TOMMY

P/N AT04-12PA-RD01
KEY-A CONFIGURATION
STANDARD COLOR: GREY



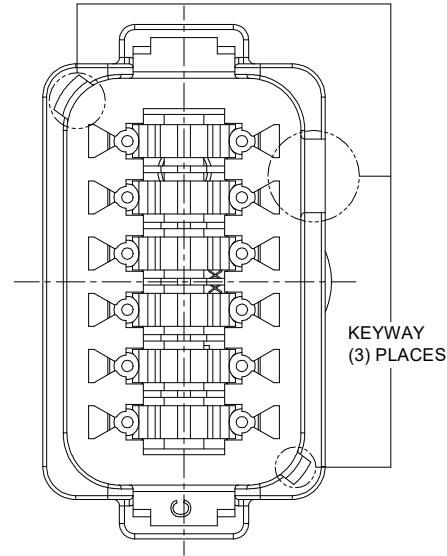
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	AT04-12PA-RD01
BLACK	AT04-12PA-RDBLK
GREEN	AT04-12PA-RDGRN
BROWN	AT04-12PA-RDBRN

P/N AT04-12PB-RD01
KEY-B CONFIGURATION
STANDARD COLOR: BLACK



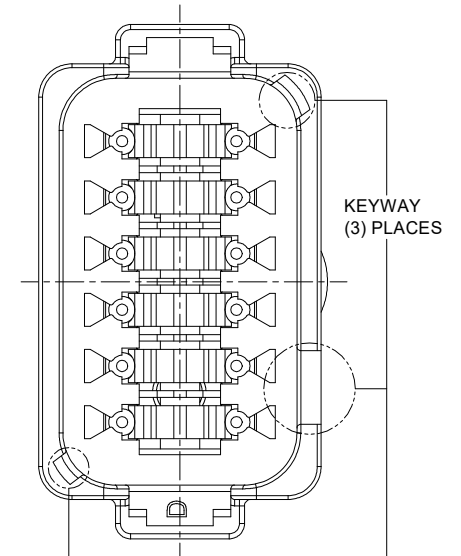
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PB-RDGRY
* BLACK	AT04-12PB-RD01
GREEN	AT04-12PB-RDGRN
BROWN	AT04-12PB-RDBRN

P/N AT04-12PC-RD01
KEY-C CONFIGURATION
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PC-RDGRY
BLACK	AT04-12PC-RDBLK
* GREEN	AT04-12PC-RD01
BROWN	AT04-12PC-RDBRN

P/N AT04-12PD-RD01
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PD-RDGRY
BLACK	AT04-12PD-RDBLK
GREEN	AT04-12PD-RDGRN
* BROWN	AT04-12PD-RD01

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 DATE DRAWN: LOUIE 18NOV21 CHECKED: ORION 17NOV21 ENGINEER: APPROVAL: TOMMY 18NOV21 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> </div>	
WEIGHT: 17.7g			
PROCESS SPECIFICATIONS:		RECEPTACLE, 12 PIN, AT SERIES, KEYED, REDUCED DIAMETER WIRE SEAL SIZE TYPE DWG NO: REVISION B C- AT04-12PX-RDXXX A4	
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.		SCALE NONE SHEET 2 OF 2	

TITLE RECEPTACLE, 12 PIN, AT SERIES, KEYED, REDUCED DIA. SEAL DWG NO: AT04-12PX-RDXXX REV: A4 SH: 2 OF: 2