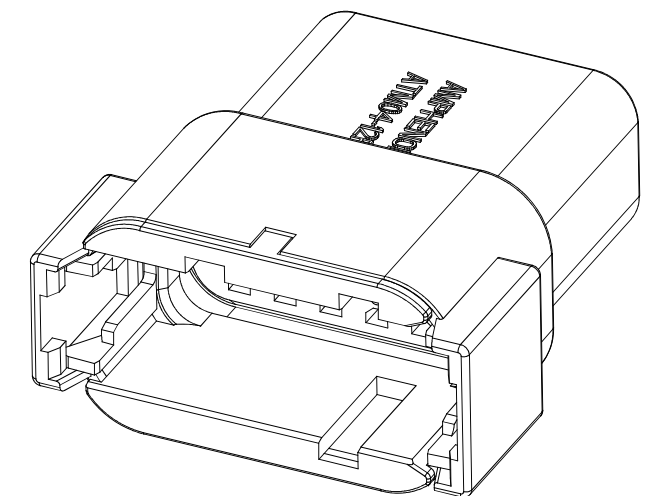
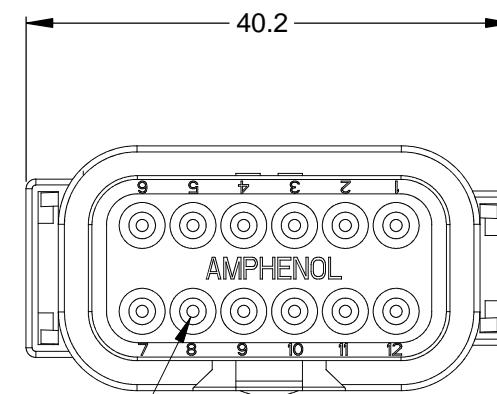
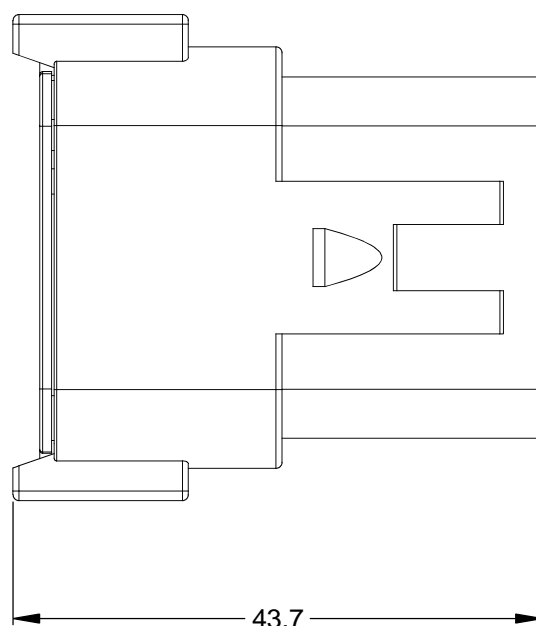
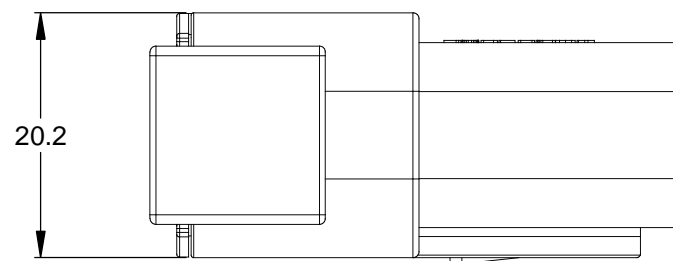
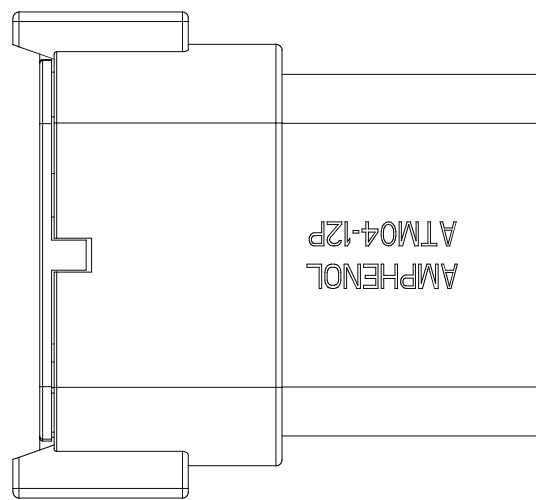
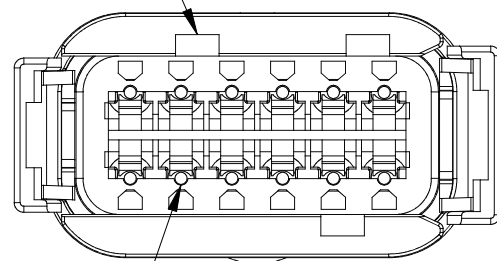


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	18/JUN/13	DRP	



TITLE: RECEPTACLE, KEYED, 12 PIN, ATM SERIES
 DWG NO.: ATM04-12PX-XXX
 REV: A3
 SH: 1
 OF: 2

1 KEYWAY (3) PLACES



REQUIRES CONTACT RETENTION WEDGE AWM-12P

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: ATM06-12SX* PLUG.
 (X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

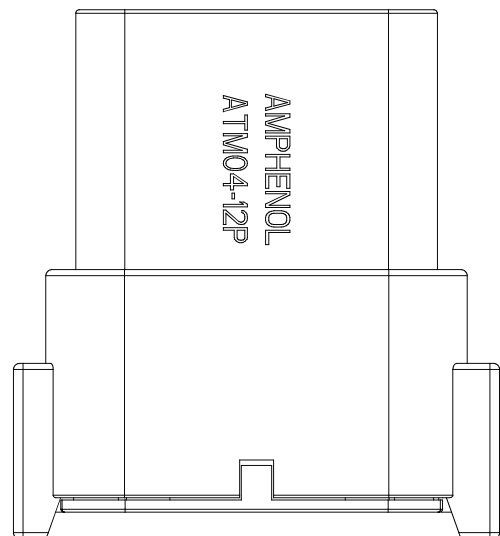
7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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

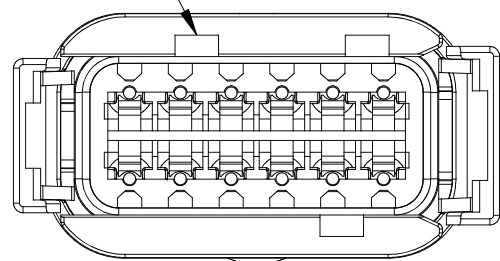
QUANTITY	SEE SHEET 2 PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference = X		SIGNATURES DATE DRAWN: D.PARKS 18/JUN/13 CHECKED: ENGINEER: APPROVAL:	
MATERIAL SPECIFICATIONS:		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:		NEXT ASSY:	
		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
		RECEPTACLE, KEYED, 12 PIN, ATM SERIES	
SIZE	TYPE	DWG NO.	REVISION
B	C-	ATM04-12PX-XXX	A3
SCALE:	NONE		SHEET 1 OF 2

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N ATM04-12PA
KEY-A CONFIGURATION
STANDARD COLOR: GREY

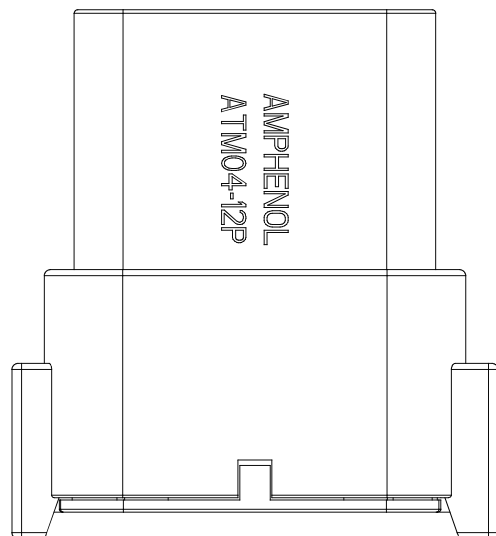


KEYWAY (3) PLACES

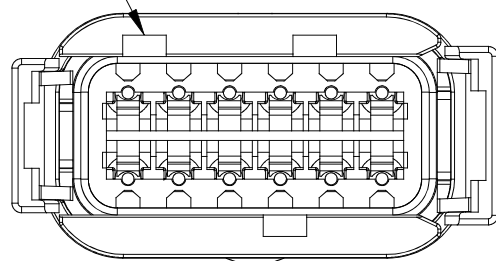


KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	ATM04-12PA
BLACK	ATM04-12PA-BLK
GREEN	ATM04-12PA-GRN
BROWN	ATM04-12PA-BRN

P/N ATM04-12PB
KEY-B CONFIGURATION
STANDARD COLOR: BLACK

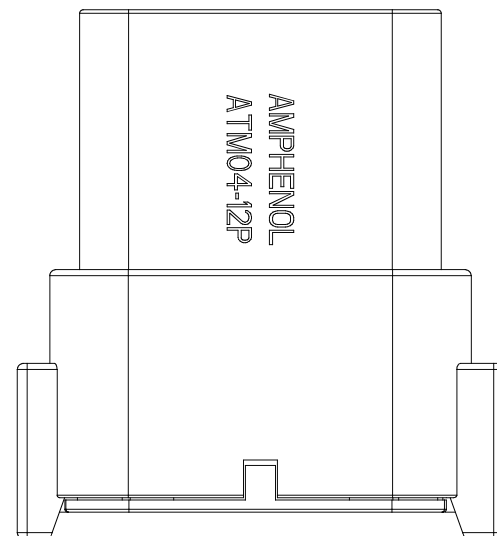


KEYWAY (3) PLACES

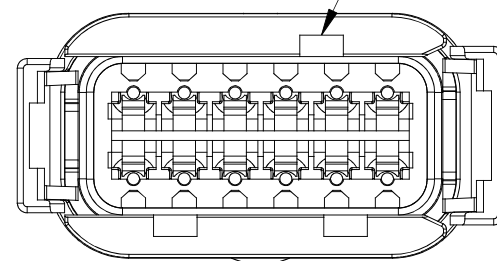


KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PB-GRY
* BLACK	ATM04-12PB
GREEN	ATM04-12PB-GRN
BROWN	ATM04-12PB-BRN

P/N ATM04-12PC
KEY-C CONFIGURATION
STANDARD COLOR: GREEN

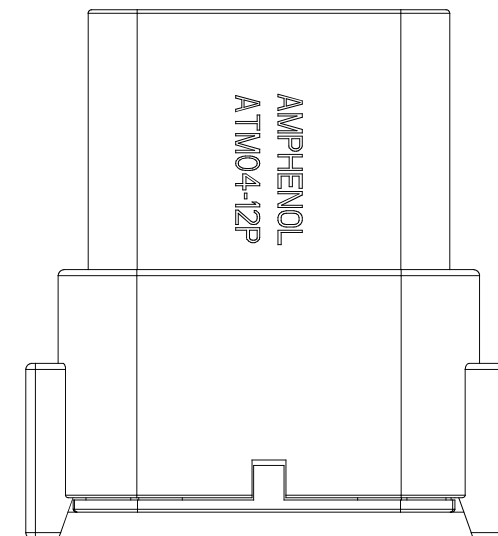


KEYWAY (3) PLACES

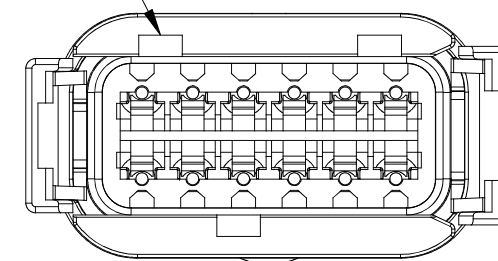


KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PC-GRY
BLACK	ATM04-12PC-BLK
* GREEN	ATM04-12PC
BROWN	ATM04-12PC-BRN

P/N ATM04-12PD
KEY-D CONFIGURATION
STANDARD COLOR: BROWN



KEYWAY (3) PLACES



KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PD-GRY
BLACK	ATM04-12PD-BLK
GREEN	ATM04-12PD-GRN
* BROWN	ATM04-12PD

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: RECEPTACLE, KEYED, 12 PIN, ATM SERIES
DWG NO.: ATM04-12PX-XXX
REV: A3
SH: 2
OF: 2

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 3) Note reference = \triangle X		SIGNATURES DRAWN: D.PARKS CHECKED: ENGINEER: APPROVAL:	DATE 18/JUN/13
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> <p>RECEPTACLE, KEYED, 12 PIN, ATM SERIES</p>	
PROCESS SPECIFICATIONS:			
NEXT ASSY:		<p>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.</p>	
		SIZE B C-	DWG NO. ATM04-12PX-XXX
		SCALE: NONE	REVISION A3
		SHEET 2 OF 2	