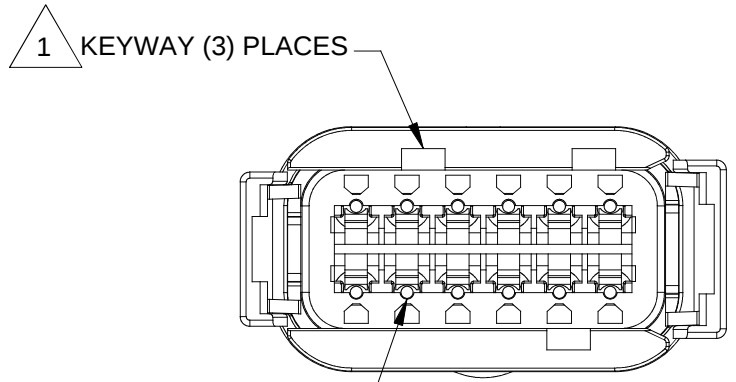


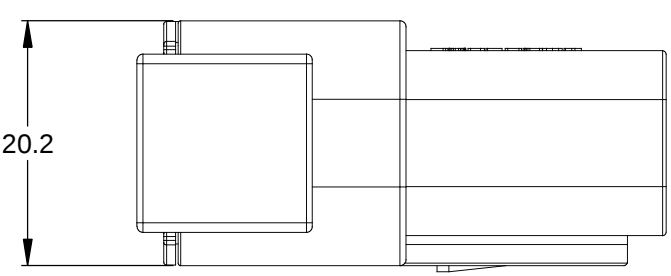
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	18/JUN/13	DRP	

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



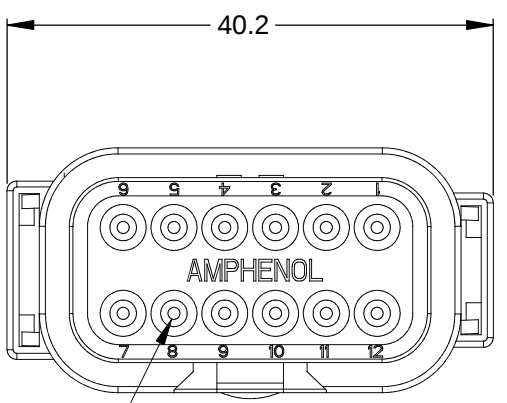
1 KEYWAY (3) PLACES

REQUIRES CONTACT RETENTION WEDGE AWM-12P



20.2

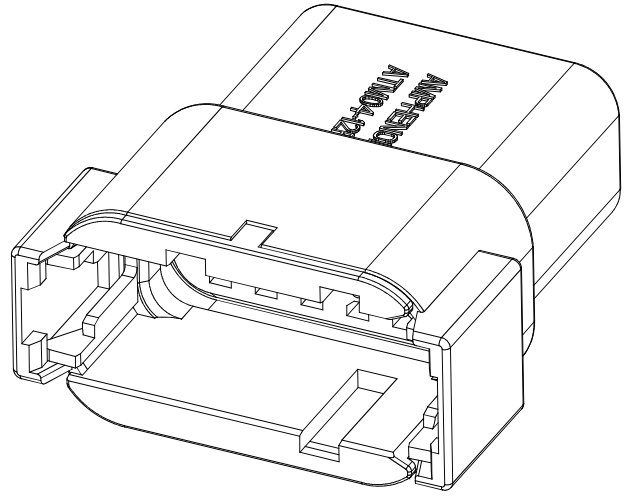
43.7



40.2

20.2

7



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

SEE SHEET 2			
PART NUMBER		DESCRIPTION	
QUANTITY	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 DRAWN: D.PARKS 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.	DATE 18/JUN/13 Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		RECEPTACLE, KEYED, 12 PIN, ATM SERIES	
PROCESS SPECIFICATIONS:		SIZE	TYPE
		B	C-
NEXT ASSY:		DWG NO:	REVISION
		ATM04-12PX-XXX	A3
		SCALE: NONE	SHEET 1 OF 2

REV

ECO

DESCRIPTION

DATE

BY

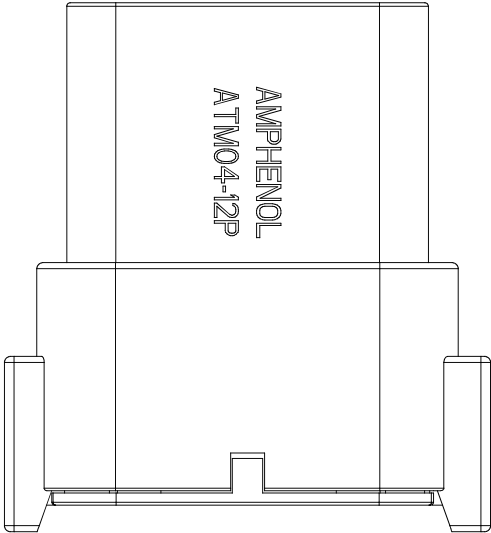
APPR

REVISIONS

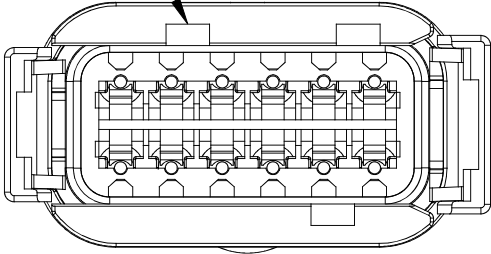
P/N ATM04-12PA

KEY-A CONFIGURATION

STANDARD COLOR: GREY



KEYWAY (3) PLACES

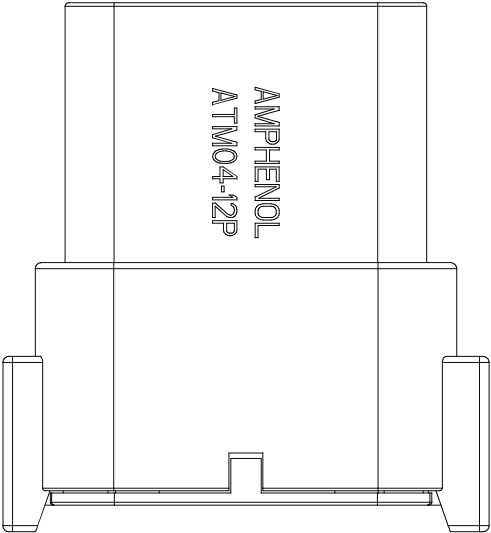


KEY-A CONFIGURATION	
COLOR	PART NUMBER
*GREY	ATM04-12PA
BLACK	ATM04-12PA-BLK
GREEN	ATM04-12PA-GRN
BROWN	ATM04-12PA-BRN

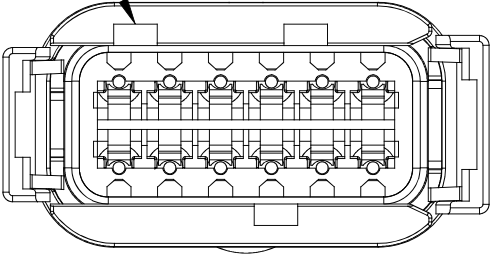
P/N ATM04-12PB

KEY-B CONFIGURATION

STANDARD COLOR: BLACK



KEYWAY (3) PLACES

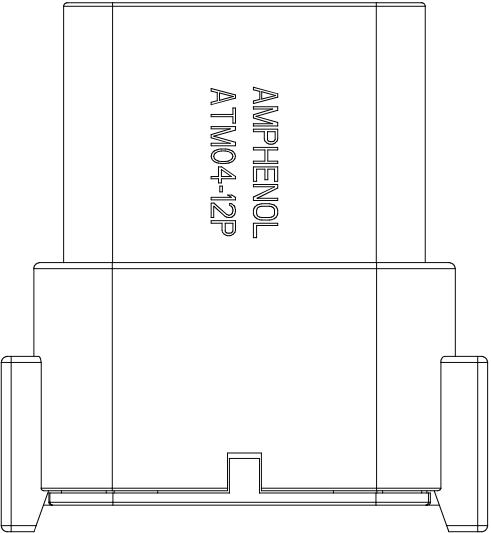


KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PB-GRY
*BLACK	ATM04-12PB
GREEN	ATM04-12PB-GRN
BROWN	ATM04-12PB-BRN

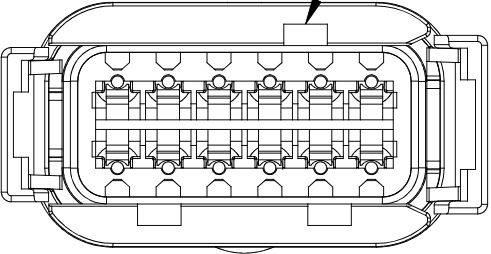
P/N ATM04-12PC

KEY-C CONFIGURATION

STANDARD COLOR: GREEN



KEYWAY (3) PLACES

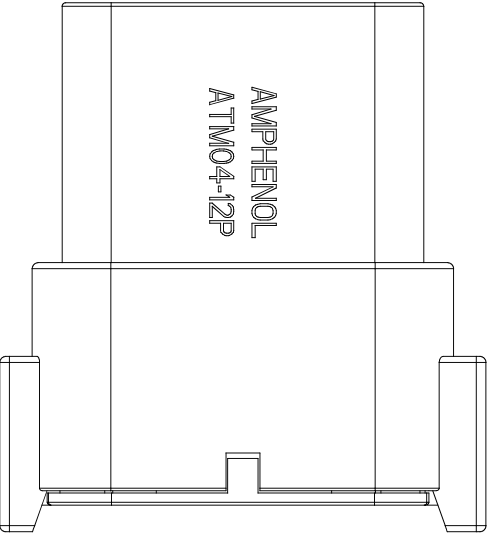


KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PC-GRY
BLACK	ATM04-12PC-BLK
*GREEN	ATM04-12PC
BROWN	ATM04-12PC-BRN

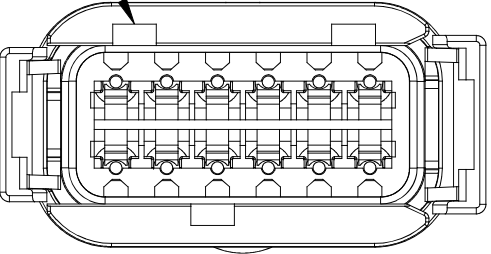
P/N ATM04-12PD

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.

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 = 		SIGNATURES DRAWN: D.PARKS 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.	DATE 18/JUN/13
MATERIAL SPECIFICATIONS:		RECEPTACLE, KEYED, 12 PIN, ATM SERIES	
PROCESS SPECIFICATIONS:		SIZE B C- DWG NO: ATM04-12PX-XXX REVISION A3	
NEXT ASSY:		SCALE: NONE SHEET 2 OF 2	

TITLE: RECEPTACLE, KEYED, 12 PIN, ATM SERIES

DWG NO: ATM04-12PX-XXX

REV: A3

SH: 2

OF: 2