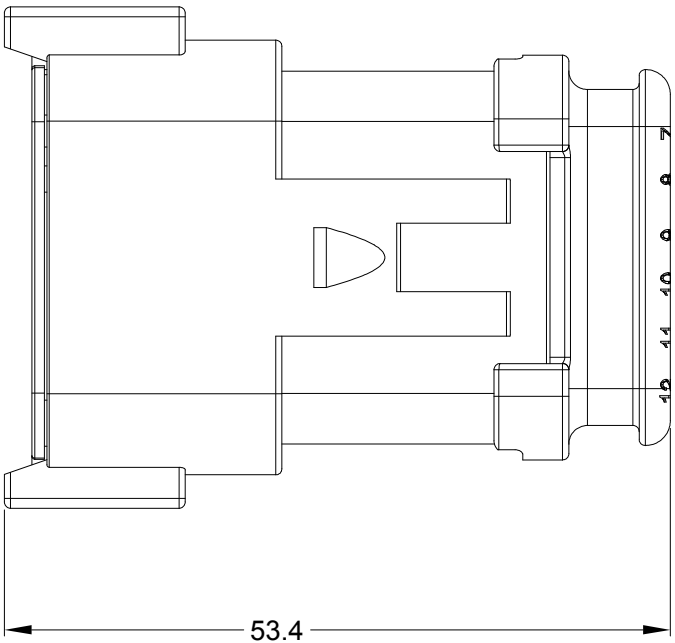
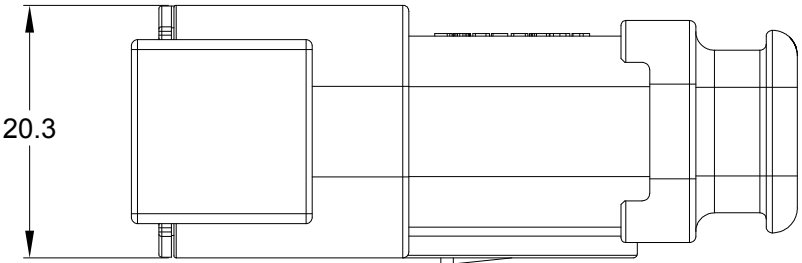
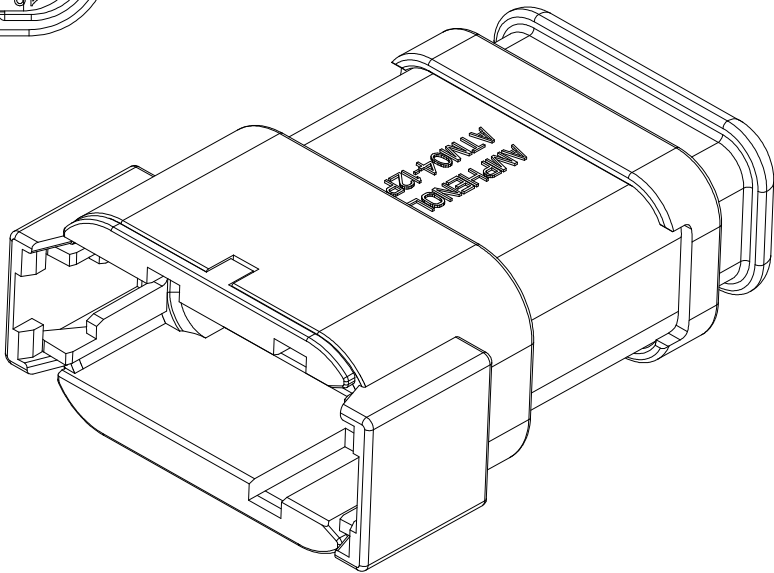
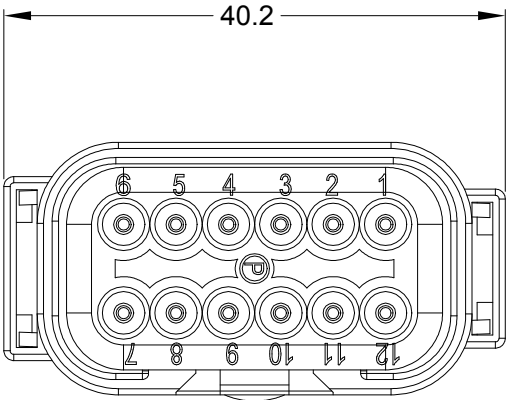
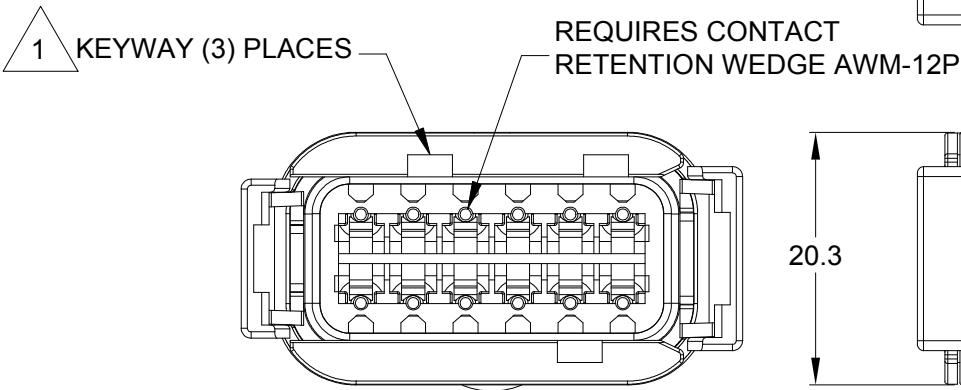
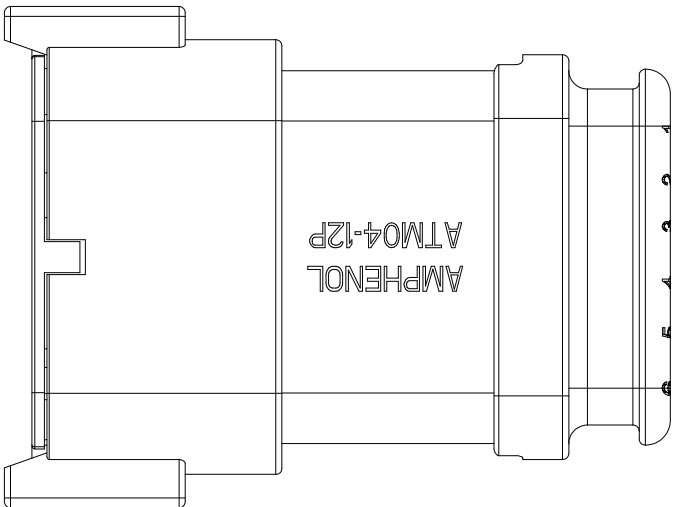


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	PERLIMINARY DESIGN	03/NOV/14	ORION	TOMMY
A2	--	REVISE DIMENSION	21/JUL/20	LOUIE	TOMMY

TITLE: RECEPTACLE, KEYED, 12 PIN, STRAIN RELIEF, ATM SERIES  
DWG NO: ATM04-12PX-SR1XX  
REV: A2  
SH: 1  
OF: 2



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: 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.

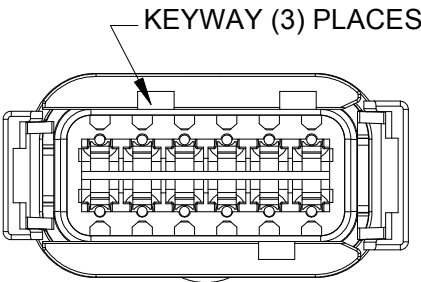
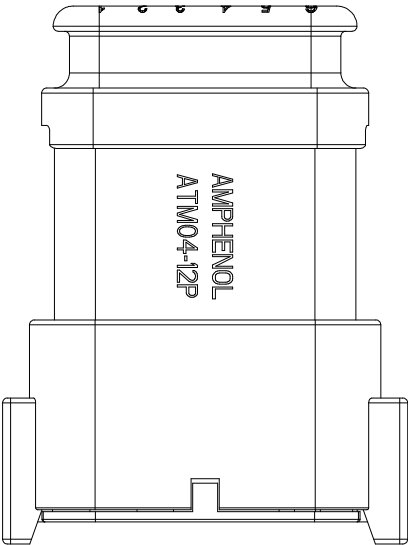
7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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		ITEM			
QUANTITY	MATERIALS LIST								
<div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>3) Note reference =</div> <div><div><div>X</div></div></div>		<div>SIGNATURES</div> <div>DRAWN: LOUIE</div> <div>CHECKED: ORION</div> <div>ENGINEER:</div> <div>APPROVAL: TOMMY</div> <div>CUSTOMER:</div>		<div>DATE</div> <div>21/JUL/20</div> <div>22/JUL/20</div> <div>23/JUL/20</div>		<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div>			
MATERIAL SPECIFICATIONS:		<div>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.</div>		RECEPTACLE, KEYED, 12 PIN, STRAIN RELIEF					
				ATM SERIES					
PROCESS SPECIFICATIONS:		SIZE		TYPE		DWG NO:		REVISION	
		B		C-		ATM04-12PX-SR1XX		A2	
NEXT ASS'Y:		SCALE:		NONE				SHEET 1 OF 2	

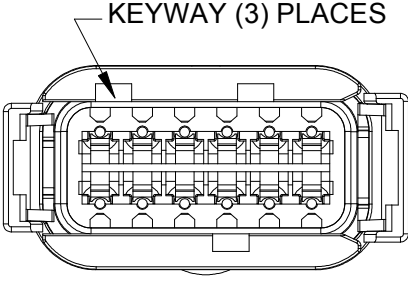
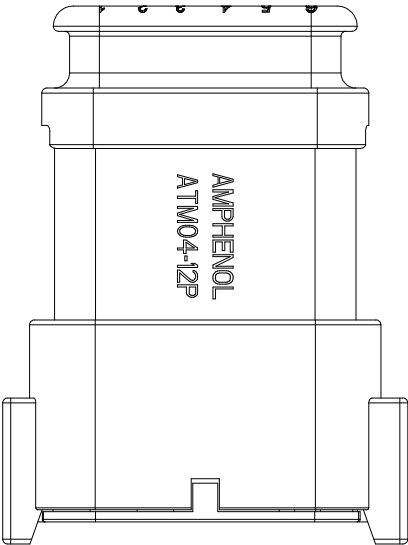
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR

P/N ATM04-12PA-SR1GY  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



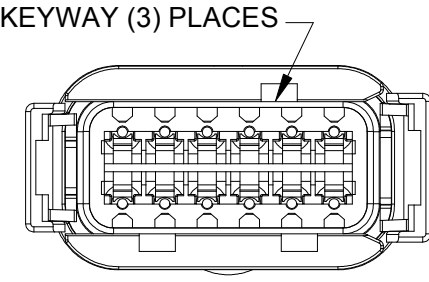
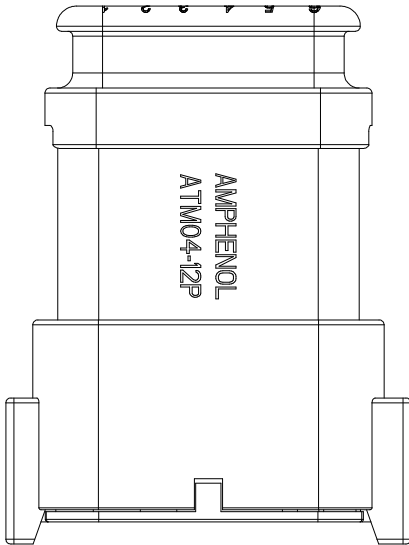
KEY-A CONFIGURATION	
COLOR	PART NUMBER
* GREY	ATM04-12PA-SR1GY
BLACK	ATM04-12PA-SR1BK
GREEN	ATM04-12PA-SR1GN
BROWN	ATM04-12PA-SR1BN

P/N ATM04-12PB-SR1BK  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



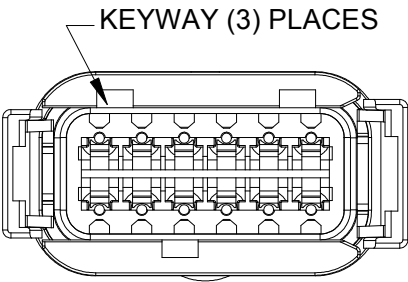
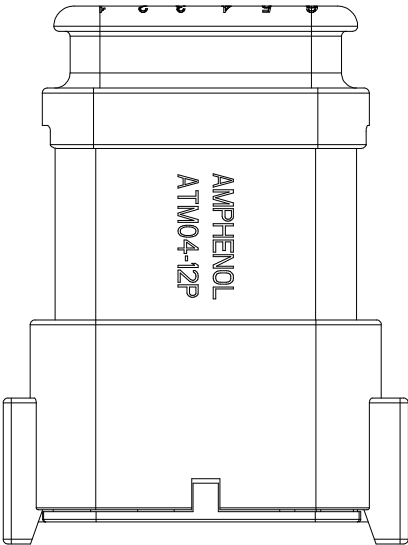
KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PB-SR1GY
* BLACK	ATM04-12PB-SR1BK
GREEN	ATM04-12PB-SR1GN
BROWN	ATM04-12PB-SR1BN

P/N ATM04-12PC-SR1GN  
KEY-C CONFIGURATION  
STANDARD COLOR: GREEN



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PC-SR1GY
BLACK	ATM04-12PC-SR1BK
* GREEN	ATM04-12PC-SR1GN
BROWN	ATM04-12PC-SR1BN

P/N ATM04-12PD-SR1BN  
KEY-D CONFIGURATION  
STANDARD COLOR: BROWN




KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM04-12PD-SR1GY
BLACK	ATM04-12PD-SR1BK
GREEN	ATM04-12PD-SR1GN
* BROWN	ATM04-12PD-SR1BN

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.

PART NUMBER		DESCRIPTION		ITEM	
QUANTITY	MATERIALS LIST				
<div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>Fractions ±1/64</div> <div>Angles ±1°</div> <div>3) Note reference = </div>		<div>SIGNATURES</div> <div>DRAWN: LOUIE</div> <div>CHECKED: ORION</div> <div>ENGINEER:</div> <div>APPROVAL: TOMMY</div> <div>CUSTOMER:</div>		<div>DATE</div> <div>21/LOUIE/20</div> <div>22/LOUIE/20</div> <div></div> <div>23/JUL/20</div>	
		<div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a></div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div>			
				<div>RECEPTACLE, KEYED, 12 PIN,</div> <div>STRAIN RELIEF, ATM SERIES</div>	
MATERIAL SPECIFICATIONS:		<div>SIZE</div> <div>B</div> <div>TYPE</div> <div>C-</div> <div>DWG NO:</div> <div>ATM04-12PX-SR1XX</div> <div>REVISION</div> <div>A2</div>			
PROCESS SPECIFICATIONS:					
NEXT ASSY:		<div>SCALE:</div> <div>NONE</div>		<div>SHEET</div> <div>2</div> <div>OF</div> <div>2</div>	
		<div>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.</div>			

TITLE: RECEPTACLE, KEYED, 12 PIN,STRAIN RELIEF, ATM SERIES  
DWG NO: ATM04-12PX-SR1XX  
REV: A2  
SH: 2  
OF: 2

# Mouser Electronics

Authorized Distributor

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