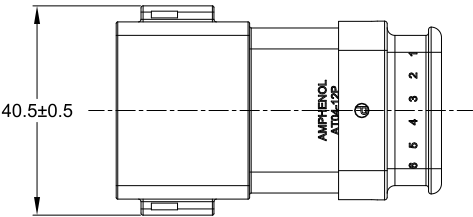
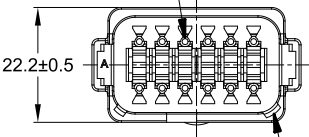


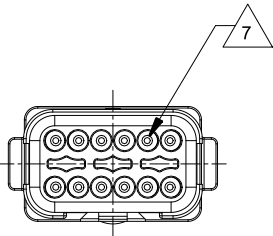
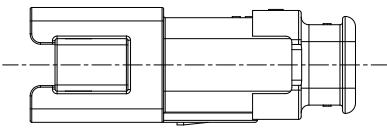
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	11DEC13	DRP	-
A4	C1403S	UPDATE THE APPEARANCE	23JUN21	RONALD	TOMMY



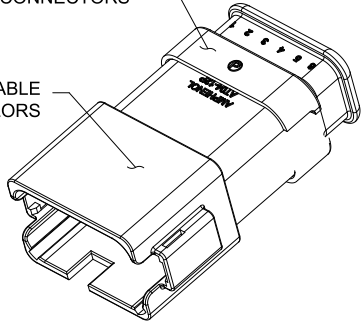
REQUIRES CONTACT  
RETENTION WEDGE AW12P



KEYWAY (3) PLACES



STRAIN RELIEF  
END CAP -  
BLACK - ALL  
CONNECTORS



REFER TO SHEET 2 FOR AVAILABLE  
CONNECTOR HOUSING COLORS

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: 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.

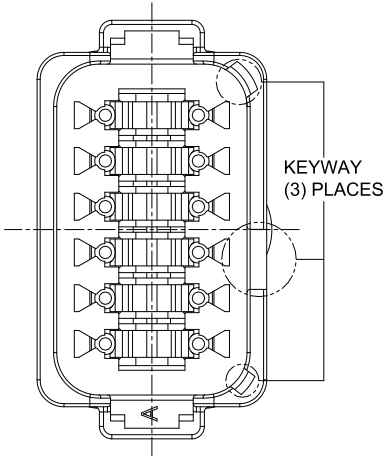
7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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

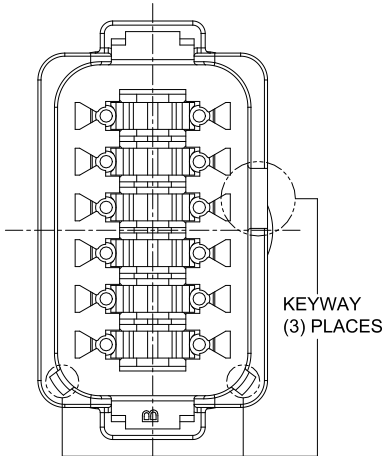
SEE SHEET 2		DESCRIPTION		ITEM		
PART NUMBER						
MATERIALS LIST						
QUANTITY						
UNLESS OTHERWISE SPECIFIED		<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>RECEPTACLE, 12 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP</div>				
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 = 						
FRACTIONS ±1/64 Angles ±1°						
MATERIAL SPECIFICATIONS:		<div>SIZE</div> <div>TYPE</div> <div>DWG NO.</div> <div>REVISION</div> <div>B</div> <div>C-</div> <div>AT04-12PX-SRXXX</div> <div>A4</div>				
WEIGHT:27.0g						
PROCESS SPECIFICATIONS:						
NEXT ASSY:						
SIGNATURES					DATE	
DRAWN: RONALD					23JUN21	
CHECKED: ORION					24JUN21	
ENGINEER:						
APPROVAL: TOMMY		25JUN21				
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.		SCALE: NONE		SHEET 1 OF 2		

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DRAWING FORMAT	11DEC13	DRP	-
A4	C1403S	UPDATE THE APPEARANCE	23JUN21	RONALD	TOMMY

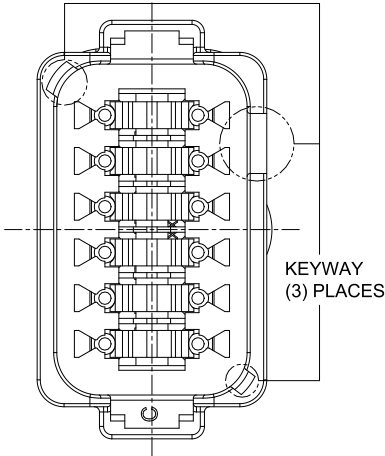
P/N AT04-12PA-SRGRY  
KEY-A CONFIGURATION  
STANDARD COLOR: GREY



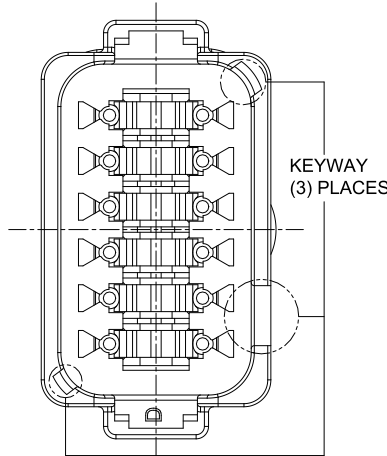
P/N AT04-12PB-SRBK  
KEY-B CONFIGURATION  
STANDARD COLOR: BLACK



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



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



KEY-A CONFIGURATION	
COLOR	PART NUMBER
<b>* GREY</b>	<b>AT04-12PA-SRGRY</b>
BLACK	AT04-12PA-SRBK
GREEN	AT04-12PA-SRGN
BROWN	AT04-12PA-SRBR

KEY-B CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PB-SRGRY
<b>* BLACK</b>	<b>AT04-12PB-SRBK</b>
GREEN	AT04-12PB-SRGN
BROWN	AT04-12PB-SRBR



KEY-C CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PC-SRGRY
BLACK	AT04-12PC-SRBK
<b>* GREEN</b>	<b>AT04-12PC-SRGN</b>
BROWN	AT04-12PC-SRBR

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	AT04-12PD-SRGRY
BLACK	AT04-12PD-SRBK
GREEN	AT04-12PD-SRGN
<b>* BROWN</b>	<b>AT04-12PD-SRBR</b>

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.

SEE SHEET 2		DESCRIPTION		ITEM
PART NUMBER				
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 3) Note reference = 		SIGNATURES		DATE
		DRAWN: RONALD	23JUN21	
		CHECKED: ORION	24JUN21	
		ENGINEER:		
		APPROVAL: TOMMY	25JUN21	
MATERIAL SPECIFICATIONS:		CUSTOMER:		
WEIGHT: 27.0g		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036  RECEPTACLE, 12 PIN, AT SERIES, KEYED, STRAIN RELIEF END CAP		
PROCESS SPECIFICATIONS:				
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.		
		SIZE: B TYPE: C- DWG NO: AT04-12PX-SRXXX REVISION: A4		
		SCALE: NONE		
		SHEET 2 OF 2		

# A Series™ - Contact Size 16 Options (Works with: AT, ATV, AHD-9, ARC, DuraMate and PanelMate Series)

Machined Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
AT60-215-1631	Male Contact - Pin, Gold-plated	16	14	Machined
AT62-209-1631	Female Contact - Socket, Gold-plated	16	14	Machined
AT60-215-16141	Male Contact - Pin, Nickel-plated	16	14	Machined
AT62-209-16141	Female Contact - Socket, Nickel-plated	16	14	Machined
AT60-202-1631	Male Contact - Pin, Gold-plated	16	16-20	Machined
AT62-201-1631	Female Contact - Socket, Gold-plated	16	16-20	Machined
AT60-202-16141	Male Contact - Pin, Nickel-plated	16	16-20	Machined
AT62-201-16141	Female Contact - Socket, Nickel-plated	16	16-20	Machined
AT60-202-1631-22	Male Contact - Pin, Gold-plated	16	22-24	Machined
AT62-201-1631-22	Female Contact - Socket, Gold-plated	16	22-24	Machined
AT60-202-16141-22	Male Contact - Pin, Nickel-plated	16	22-24	Machined
AT62-201-16141-22	Female Contact - Socket, Nickel-plated	16	22-24	Machined

Tooling - Machined Contacts	
Part Number	Description
AUTK-16	Hand Crimp Tool, Size 16
AUTK-100	Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20
CA-5D12	Universal Hand Crimp Tool, Size 12/16/20
CA-5E12	Pneumatic Crimp Tool, Size 12/16/20

Contact Removal Tools (For both Machined or Stamped & Formed Contacts)	
Part Number	Description
ATRT-100	Contact and Wedgelock Extraction Tool
AT11-310-1605	Contact Removal Tool, Plastic, Size 16

Sealing Plugs (For both Machined or Stamped & Formed Contacts)	
Part Number	Description
A114017	Sealing Plug, Size 16, White
A114017-SR	Sealing Plug, Size 16, SR01 Series, Black
AT13-217-1605	Locking Sealing Plug, Size 16, Grey
AT13-217-1605-SR	Locking Sealing Plug, Size 16, SR01 Series, Red

Stamped & Formed Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
AT60-14-0122	Male Contact - Pin, Nickel-plated	16	14-18	Stamped & Formed
AT62-14-0122	Female Contact - Socket, Nickel-plated	16	14-18	Stamped & Formed
AT60-14-0144	Male Contact - Pin, Gold-plated	16	14-18	Stamped & Formed
AT62-14-0144	Female Contact - Socket, Gold-plated	16	14-18	Stamped & Formed
AT60-16-0122	Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed
AT62-16-0122	Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed
AT60-16-0144	Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed
AT62-16-0144	Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed
AT60-16-0622	Male Contact - Pin, Nickel-plated	16	16-20	Stamped & Formed
AT62-16-0622	Female Contact - Socket, Nickel-plated	16	16-20	Stamped & Formed
AT60-16-0644	Male Contact - Pin, Gold-plated	16	16-20	Stamped & Formed
AT62-16-0644	Female Contact - Socket, Gold-plated	16	16-20	Stamped & Formed
AT60-16-0677	Male Contact - Pin, Tin-plated	16	16-20	Stamped & Formed
AT62-16-0677	Female Contact - Socket, Tin-plated	16	16-20	Stamped & Formed
AT60-16-0822	Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed
AT62-16-0822	Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed
AT60-16-0844	Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed
AT62-16-0844	Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed

Tooling - Stamped & Formed Contacts	
MF3-3950	Crimp Die - Size 16, 18-20AWG
MF3-3953	Crimp Die - Size 16, 16-18AWG
MF3-3975	Crimp Die - Size 16, 14-16AWG
MF3-3990	Crimp Die - Size 16, 20-22AWG
ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG
ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG
ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG