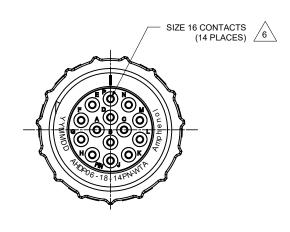
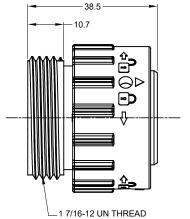
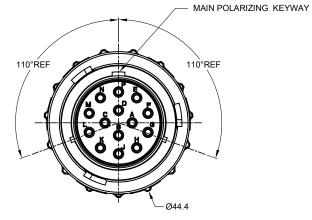
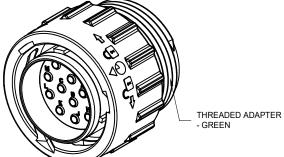
REVISIONS						
REV	ECO	DESCRIPTION	DATE	BY	APPR	
A1		RELEASE NEW DRAWING	25Feb17	Jony	TOMMY	









NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK SEAL: SILICONE RUBBER

- 2. MODIFICATIONS: THREADED ADAPTER;
- 3. SPECIFICATIONS:
 - 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
 - 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
 - 3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
 - 3.5 MATING CYCLE DURABILITY: 100 CYCLES
 - 3.6 RoHS COMPLIANT
- 4. MATING PART: AHDP04-18-14S* (* = SEAL TYPE)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL	CURRENT	
SIZE	O.D.	O.D.	WIRE RANGE	RATING	
16	2.54 mm (.100in)	3.40 mm (.134 in)	14-20 AWG		

	AHDP06-18-14PN-WTA							
	PART N	NUMBER			DESCRIPTION			ITEM
QUANTITY MATEI			TER	IAL	S LI	ST		
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm).		SIGNATUR DRAWN:	JRES DATE		Amphonol			
2) Tolerances are	1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 3 PL DEC ±0.08 Angles ±1°		25Feb	17	Amphenol			
2 PL DEC ±0.15			25Feb	17	Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
3) Note reference = X		ENGINEER:						
MATERIAL SPECIFICA	MATERIAL SPECIFICATIONS:		25Feb	7 Clinton Township, Mt 48036				
				1		JG,18-14 POS,PIN		
			THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES.			STANDARD DIA. SEAL, AHDP SERIES		
PROCESS SPECIFICATIONS: NEXT ASSY:		SPECIFICATIONS AND PE SHOWN HEREON ARE TH THE AMPHENOL CORPOR OF REPRODUCTION ARE	CIFICATIONS AND PERFORMANCE DATA WN HEREON ARE THE PROPERTY OF AMPHENOL CORPORATION. NO RIGHTS EPRODUCTION ARE IMPLIED. ALL INSIONS ARE SUBJECT TO NORMAL		C-	AHDP06-18-14		A1
		MANUFACTURING VARIA	TIONS.	SCALE: N	ONE		SHEET 1 OF	1

AT Series™ - Contact Size 16 Options

Machined Contacts, Sockets & Pins							
Part Number	Description		AWG	Туре			
AT60-215-1631	215-1631 Male Contact - Pin, Gold-plated		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		14	Machined			
AT60-202-1631	Male Contact - Pin, Gold-plated		16-20	Machined			
AT62-201-1631	Female Contact - Socket, Gold-plated	16	16-20	Machined			
AT60-202-16141	AT60-202-16141 Male Contact - Pin, Nickel-plated		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	Part Number Description				
	CA-5D12	Universal Hand Crimp Tool, Size 12/16/20 (Machined contacts only)			
3	CA-5E12	Pneumatic Crimp Tool, Size 12/16/20 (Machined contacts only)			

Contact Removal Tools					
Part	Part Number	Description			
	ATRT-100	Used for removal of contacts for A Series™ products			
	AT11-310-1605	Contact Removal Tool, Plastic, Size 16			
	A114017	Sealing Plug, Size 16, White			

Stamped & Formed Contacts, Sockets & Pins							
Part Number	Description		AWG	Туре			
AT60-14-0144	Male Contact - Pin, Gold-plated	16	14-16	Stamped & Formed			
AT62-14-0144	Female Contact - Socket, Gold-plated	16	14-16	Stamped & Formed			
AT60-14-0122	Male Contact - Pin, Nickel-plated	16	14-16	Stamped & Formed			
AT62-14-0122	Female Contact - Socket, Nickel-plated	16	14-16	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			
AT60-16-0122	Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed			
AT62-16-0122	Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed			
AT60-16-0644	Male Contact - Pin, Gold-plated	16	18-20	Stamped & Formed			
AT62-16-0644	Female Contact - Socket, Gold-plated	16	18-20	Stamped & Formed			
AT60-16-0622	Male Contact - Pin, Nickel-plated	16	18-20	Stamped & Formed			
AT62-16-0622	Female Contact - Socket, Nickel-plated	16	18-20	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			
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			

Tooling - Stamped & Formed Contacts						
Part Part Number Description						
	MFX-3950	Crimp Die - Size 16, 18-20AWG (S&F contacts only)				
	MFX-3953	Crimp Die - Size 16, 16-18AWG (S&F contacts only)				
	MFX-3975	Crimp Die - Size 16, 14-16AWG (S&F contacts only)				
	MFX-3990	Crimp Die - Size 16, 20-22AWG (S&F contacts only)				
	ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG (S&F contacts only)				
	ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG (S&F contacts only)				
	ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG (S&F contacts only)				

Amphenol Sine Systems 44724 Morley Drive Clinton Township, MI 48036 USA www.amphenol-sine.com 09/2021