Size is contract 38.3 (1) PLACES) (1) PLACES (1) PLACES (1) PLACES							REVISIONS			
SIZE 16 CONTACT 38.3 (1) PLACES) 10.7 (2) PLACES) 10.7 (2) PLACES) 10.7 (2) PLACES) 10.7 (2) PLACES) 10.7 (3) OPERATIONS 11.11/16.12 UN THREAD (3) OPERATIONS TEMERATURE -50°C TO -120°C 20.0 (3) OPERATIONS TEMERATURE -50°C TO -120°C 20.0 (3) ADDITIONS THREADE ADAPTER: 20.0 (1) PLACESTANCE (100 PLACE) ADAPTER: 20.0 (2) ADDITIONS THREADE ADAPTER:					REV	ECO	DESCRIPTION	DATE	BY	APPR
SIZE IS CONTACT (3) FLACES) 38.3 (3) FLACES) NOTES: UNLESS OTHERWISE SPECIFIED 10.7 (1) THERATE OF SIZE 1. MATERIAL: HOUSING: THERMOPLASTIC; BLACK SEAL: SULCORE RUBBER 10.7 (1) THERATE OF SIZE 2. MODIFICATIONS: THERMOPLASTIC; BLACK SEAL: SULCORE RUBBER 0000 VICANUE AND VICA					A1		RELEASE NEW DRAWING	13NOV15	SULLEN	TOMMY
SIZE 10 CONTACT (31 PLACES)					A2	C0765S	UPDATE SPECIFICATIONS	23NOV17	ROOKIE	TOMMY
Size 10 CONTACT Internet (3) PLACES) Internet (4) Internet Internet (5) OPERATING FLEMEPRATURE - SPC TO +125C. Internet (6) OUTER ERSISTANCE INFORMERT LEAKAGE @ 1000 WOLTAGE LISS THAN 2 (6) OUTER ERSISTANCE INFORMERTICANAGE @ 1000 WOLTAGE LISS THAN 2 (6) OUTER ERSISTANCE INFORMERTICANAGE @ 1000 WOLTAGE LISS THAN 2 (6) OUTER ERSISTANCE INFORMERTICANAGE @ 1000 WOLTAGE LI				38.3						
MAIN POLARIZING KEYWAY 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.3 40.4 40.3 40.4 40.3 40.4 40.5 <td>S</td> <td>SIZE 16 CONTACT $_{\wedge}$</td> <td></td> <td></td> <td>A4</td> <td>C1001S</td> <td>CHANGE THE WIRE SIZE</td> <td>28DEC18</td> <td>BROOK</td> <td>TOMMY</td>	S	SIZE 16 CONTACT $_{\wedge}$			A4	C1001S	CHANGE THE WIRE SIZE	28DEC18	BROOK	TOMMY
1. MATERIAL: HOUSING: THERMOPLASTIC; BLACK SEAL: SILICONE RUBBER 2. MODIFICATIONS: THREADED ADAPTER; REDUCED DIA. WIRE SEAL 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: 1000 MEGOHM MIN @ 25°C. 3.5 MATING CYCLE DURABILITY: 100 CYCLES 3.6 ROHS COMPLIANT 4. MATING PART: AHDP04-24-31P* (*= SEAL TYPE) 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. (*) CONTACT SIZE AND WIRE RANGE:			40.3			110°RE			KEYW	-
1. MATERIAL: HOUSING: THERMOPLASTIC; BLACK SEAL: SILICONE RUBBER 2. MODIFICATIONS: THREADED ADAPTER; REDUCED DIA. WIRE SEAL 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: 1000 MEGOHM MIN @ 25°C. 3.5 MATING CYCLE DURABILITY: 100 CYCLES 3.6 ROHS COMPLIANT 4. MATING PART: AHDP04-24-31P* (*= SEAL TYPE) 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. (*) CONTACT SIZE AND WIRE RANGE:	NOTES: UNLESS OTHERWISE SPECIFIED							Ø50.4		
4. MATING PART: AHDP04-24-31P* (* = SEAL TYPE) 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. 6 CONTACT SIZE AND WIRE RANGE: 10 0.D. 12 0.D. 16 1.35 mm 16 1.35 mm	 HOUSING: THERMOPLASTIC; BLACK SEAL: SILICONE RUBBER 2. MODIFICATIONS: THREADED ADAPTER; REDUCED DIA. WIRE SEAL 3. SPECIFICATIONS: 3.1 OPERATING TEMPERATURE: -55°C TO +125°C. 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS MILLIAMPS CURRENT LEAKAGE @ 1500 VOLT3 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN 3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED 3.5 MATING CYCLE DURABILITY: 100 CYCLES 	S AC. I @ 25℃.		└─1 11/16-12 UN THREAD			- BLUE	ADAPTER		-
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. 6 CONTACT SIZE AND WIRE RANGE: CONTACT MIN. INSUL MAX. INSUL TYPICAL CURRENT SIZE O.D. O.D. WIRE RANGE RATING 16 1.35 mm 2.62 mm 1420 AWC 13 AMPS	4. MATING PART: AHDP04-24-31P* (* = SEAL TYPE)						τιον		ITEM
6 CONTACT SIZE AND WIRE RANGE: 0 10 dimensions are in methodrom. 1 10 dimensions are interview. 10 dimensions are interview.		,								
CONTACT SIZE AND WIRE RANGE: CHECKED: ORION CHECKED: ORION CHECKED: ORION Sine Systems - www.amphenol-sine.com Note reference	5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY	Ү .			UNLESS OTHERWISE SPECIFI 1) All dimensions are in metric(mr 2) Tolerances are as follows:	DRAWN:		phe	no	
CONTACT MIN. INSUL MAX. INSUL TYPICAL CURRENT SIZE O.D. O.D. WIRE RANGE RATING 1.35 mm 2.62 mm 1.4-20 AW/C 13 AMPS	6 CONTACT SIZE AND WIRE RANGE:				1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08	CHECKED: ENGINEER:	ORION 28DEC18 Sine Systems 44724 M	s - www.amphenol orley Drive	-sine.com	
Click Click Click Click Click Click Reduced bits 1.6 1.35 mm 2.62 mm 14-20 AM/C 13 AMDS Result Result							TOMMY 28DEC18			СТ
DIMENSIONS ARE SUBJECT TO NORMAL	16 1.35 mm 2.62 mm 14.20 AVA/C				PROCESS SPECIFICATIONS:	INFORMATION SPECIFICATION	IG IS SUPPLIED FOR N ONLY. DESIGN FEATURES, DNS AND PERFORMANCE DATA	A. SEAL, AHI	OP SERIE	ES REVISION

AT Series[™] - Contact Size 16 Options

Machined Contacts, Sockets & Pins					
Part Number	er Description		AWG	Туре	
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	Part Number	Description	
~	CA-5D12	Universal Hand Crimp Tool, Size 12/16/20 (Machined contacts only)	
380 F	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		
4	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)			
and the second s	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)			
K	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