

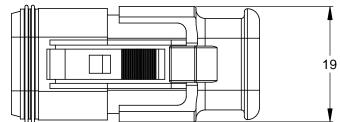
- 1. MATERIAL: HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER
- 2. MODIFICATIONS: STRAIN RELIEF END CAP; REDUCED DIA. WIRE SEAL

3. SPECIFICATIONS:

- 3.1 CURRENT RATING: 13 AMPS 3.2 OPERATING TEMPERATURE: -55°C TO +125°C 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC. 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C. 3.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION) 3.6 MATING CYCLE DURABILITY: 100 CYCLES 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-3P* RECEPTACLE (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL
SIZE	O.D.	O.D.	WIRE RANGE
16	1.35 mm (.053 in)	3.05 mm (.120 in)	





PART NUMBER CHART				
COLOR	PART NUMBER			
GREY	AT06-3S-SR02GRY			
BLACK	AT06-3S-SR02BLK			
BLUE	AT06-3S-SR02BLU			
BROWN	AT06-3S-SR02BRN			
GREEN	AT06-3S-SR02GRN			
RED	AT06-3S-SR02RED			
WHITE	AT06-3S-SR02WHT			
YELLOW	AT06-3S-SR02YEL			

REV ECO DESCRIPTION DATE BY APPR A3 - RELEASE NEW DWG FORMAT 08/16/13 DRP CAVITY "C" 6 REDUCED DIAMETER WIRE SEAL WIRE SEAL TY "A" CAVITY "B" CAVITY "B" MODIFIED DIAMETER DRP DRP </th <th></th> <th colspan="7">REVISIONS</th>		REVISIONS								
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		A3	-	RELEASE NE	W DWG FORM	IAT	08/16/13	DRP		
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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	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 Number	Description
AUTK-20	Hand Crimp Tool, Size 20
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

Stamped & Formed Contacts, Sockets & Pins					
Part Number	Description	Size	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				
MFX-3950	Crimp Die - Size 16, 18-20AWG			
MFX-3953	Crimp Die - Size 16, 16-18AWG			
MFX-3975	Crimp Die - Size 16, 14-16AWG			
MFX-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			

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 Descrip		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			

Amphenol Sine Systems 44724 Morley Drive, Clinton Township, MI 48036 USA www.amphenol-sine.com 08/2023