		REVISIONS
		REV ECO DESCRIPTION DATE BY APPR
		A3 - RELEASE NEW DWG FORMAT 11DEC13 DRP
		A4 - UPDATE DIMENSIONS 08SEP20 IAN TOMMY
		A5 - ADD COLOR OPTION 23NOV20 LOUIE TOMMY
		-
REQUIRES CONTACT		CAVITY "C"
RETENTION WEDGE AW3P		
		CAVITY 'B"-CAVITY "A"
NOTES: UNLESS OTHERWISE SPECIFIED	<b>−</b> 55.3±0.60 <b>−</b>	
<ol> <li>MATERIAL: HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER</li> <li>MODIFICATIONS: STRAIN RELIEF END CAP</li> <li>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 (2) 1500 VOLTS AC.</li> <li>A UNSUL ATION DECISITANCE: 1000 MIL (2) 25°C</li> </ol>		STRAIN RELIEF END CAP - BLACK - ALL CONNECTORS
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C. 3.5 MOISTURE RESISTANCE:		
IP68(1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION)	PART NUMBER CHART	REFER TO PART NUMBER CHART FOR AVAILABLE CONNECTOR COLORS
IP69K(MATED CONDITION) 3.6 MATING CYCLE DURABILITY: 100 CYCLES	COLOR PART NUMBER	
3.7 RoHS COMPLIANT	GREY AT04-3P-SR01GRY	SEE PART NUMBER CHART
	BLACK AT04-3P-SR01BLK	PART NUMBER DESCRIPTION
4. MATING PART: AT06-3S* PLUG	BLUE AT04-3P-SR01BLU	QUANTITY         MATERIALS LIST           UNLESS OTHERWISE SPECIFIED         SIGNATURES
(* = MODIFICATIONS AND COLORS)	BROWN AT04-3P-SR01BRN	1) All dimensions are in metric(mm). 2) Tolerances are as follows: 2) Tolerances are as follows:
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. $\wedge$	GREEN AT04-3P-SR01GRN	1 PL DEC 30.30     Predictors #1764       2 PL DEC 30.06     Arrose transmission of t
6 CONTACT SIZE AND REAR SEAL WIRE RANGE:	RED AT04-3P-SR01RED	APPROVAL: TOMAY 25NOV20 Clinton Township, MI 48036
CONTACT MIN. INSUL MAX. INSUL TYPICAL SIZE O.D. O.D. WIRE RANGE	WHITE AT04-3P-SR01WHT YELLOW AT04-3P-SR01YEL	CUSTOMER: RECEPTACLE, 3 PIN, AT SERIES, THE DRIVING IS SUBJECT FOR
16         2.24 mm (.088 in)         3.68 mm (.145 in)         14 - 20 AWG (2.0-0.5mm <sup>2</sup> )	ORANGE AT04-3P-SR01ORG	PROCESS SPECIFICATIONS: SPECIFICATIONS: SPECIFICATIONS: SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF THE AMPEND CORPORATION NO. SPECIFICATION ARE THE PROPERTY OF TO NORMAL DIMENSIONARE SUBJECT TO NORMAL SPECIFICATION ARE THE PROPERTY OF TO NORMAL SPECIFICATION ARE THE PROPERT

## 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-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	

Stamped & Formed Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Туре
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	
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	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 10-2023