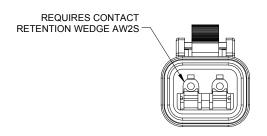
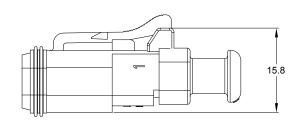
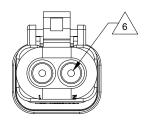


	REVISIONS							
REV	ECO DESCRIPTION DATE BY APP							
A3	-	RELEASE NEW DWG FORMAT	11DEC13	DRP				
A4	C0540S	UPDATE DIMENSIONS	22JUL16	JONY	TOMMY			
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY			







NOTES: UNLESS OTHERWISE SPECIFIED

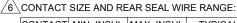
1. MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

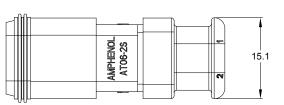
- 2. MODIFICATIONS: STRAIN RELIEF END CAP
- 3. SPECIFICATIONS:
  - 3.1 CURRENT RATING: 13 AMPS
  - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
  - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
  - 3.5 MOISTURE RESISTANCE:

IP68(1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION) IP69K(MATED CONDITION)

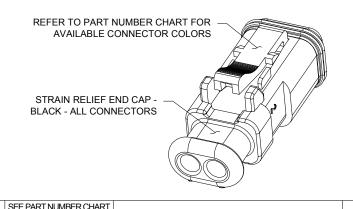
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-2P\* RECEPTACLE (\* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



SIZE O.D. O.D. WIRE I	DANCE
	RANGE
2.24 mm 3.68 mm 14 - 20	) AWG
(.088 in) (.145 in) (2.0-0.	.5mm²)



PART NUMBER CHART				
COLOR	PART NUMBER			
GREY	AT06-2S-SR01GRY			
BLACK	AT06-2S-SR01BLK			
BLUE	AT06-2S-SR01BLU			
BROWN	AT06-2S-SR01BRN			
GREEN	AT06-2S-SR01GRN			
RED	AT06-2S-SR01RED			
WHITE	AT06-2S-SR01WHT			
YELLOW	AT06-2S-SR01YEL			
ORANGE	AT06-2S-SR01ORG			



	SEE FART NOWIDER OF FART								
	PART N	PART NUMBER		DESCRIPTION			ITEM	] .	
QUANTITY MAT			ERI	ALS LI	ST			ŀ	
UNLESS OTHERWISE SPECIFIED  1) All dimensions are in metric(mm). 2) Tolerances are as follows:		_   SIGNATURES		DATE	Amphanal		nal		1
		DRAWN:	LOUIE	23NOV20	Amphenol				
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08	Fractions ±1/64 Angles ±1*	CHECKED:	ORION	24NOV20	Sine Systems - www.amphenol-sine.com				
3) Note reference = X		ENGINEER:			44724 Morley Drive Clinton Township, MI 48036				
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	25NOV20	O Clinton Township, Wit 48030			+	
		CUSTOMER:			PL	UG, 2 SOCKET, AT	SERIES,		
			S IS SUPPLIED I			STRAIN RELIEF EN	ID CAP		
PROCESS SPECIFICATIONS:		SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL		B C-	AT06-2S-SR		EVISION 45		
		MANUFACTURING VARIATIONS.		SCALE: NONE		SHEET 1 OF	1		

PLUG, 2 SOCKET, AT SERIES, STRAIN RELIEF END CAP DWG NO: AT06-2S-SR01XXX

REV: **A5** 

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## **AT Series™** - Contact Size 16 Options

Machined Contacts, Sockets & Pins						
Part Number	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 M		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	1-22 Male Contact - Pin, Nickel-plated 16 22-24 Ma		Machined			
AT62-201-16141-22	T62-201-16141-22 Female Contact - Socket, Nickel-plated 16 22-24 Mac		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				
3	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	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					
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