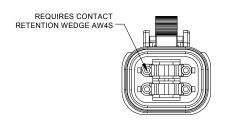
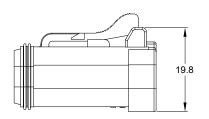
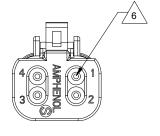


	REVISIONS								
REV ECO		DESCRIPTION	DATE	BY	APPR				
A3	-	RELEASE NEW DWG FORMAT	17DEC13	JARRY					
A4	C0540S	UPDATE	20MAY16	JONY	TOMMY				
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY				







NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

2. MODIFICATIONS: END CAP

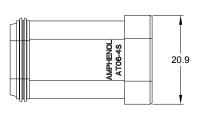
3. SPECIFICATIONS:

- 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: AT04-4P* 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	
	40	2.24 mm	3.68 mm	14 - 20 AWG	
16		(.088 in)	(.145 in)	(2.0-0.5mm ²)	

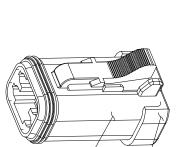


PART NUMBER CHART				
COLOR	PART NUMBER			
GREY	AT06-4S-EC01			
BLACK	AT06-4S-EC01BLK			
BLUE	AT06-4S-EC01BLU			
BROWN	AT06-4S-EC01BRN			
GREEN	AT06-4S-EC01GRN			
RED	AT06-4S-EC01RED			
WHITE	AT06-4S-EC01WHT			
YELLOW	AT06-4S-EC01YEL			
ORANGE	AT06-4S-EC01ORG			

STANDARD MOLDED COLOR IS GREY.
ADDITIONAL COLORS SHOWN IN PART NUMBER
CHART ARE AVAILABLE VIA SPECIAL ORDER.

STANDARD COLOR IS GREY, ADDITION COLOR SHOWN IN-PART NUMBER CHART

	SEE PART NUMBER CHART			REF: DT064S-E003, DT064S-E005, DT064S-EP04, DT064S-EP06				
PART NUMBER			DESCRIPTION				ITEM	
QUANTITY MAT			MAT	ERI	ALS	S LI	ST	
	UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.16 Fractions ±1/64 Angles ±1* 3) Note reference =		ATURES	DATE		Λ	mahanal	
2) Tolerances are			LOUIE	23NOV20	Amphenol			
2 PL DEC ±0.15			ORION	25NOV20	Sine Systems - www.amphenol-sine.com			
3) Note reference					44724 Morley Drive Clinton Township, MI 48036			
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	27NOV20			Clinton Township, MT 46036	
		CUSTOMER:		•	PL	.UG, 4	SOCKET, END CAP, AT SERIES	S
			IS SUPPLIED F			,	, , ,	
PROCESS SPECIFICATIONS: NEXT ASSY:		SHOWN HERE THE AMPHENO OF REPRODUC	NS AND PERFOR ON ARE THE PR OL CORPORATIO CTION ARE IMPL ORE SUBJECT TO	OPERTY OF ON. NO RIGHTS JED. ALL	B	C-	AT06-4S-EC01XXX	A5
			ING VARIATIONS		SCALE: N	ONE	SHEET 1 OF	1



AT06-4S-EC01XXX

PLUG, 4 SOCKET, END CAP, AT SERIES

REV: **A5**

5 SH:

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	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				
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

AT06-4S-EC01