

NOTES: UNLESS OTHERWISE SPECIFIED

MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

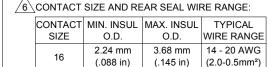
2. MODIFICATIONS: N/A

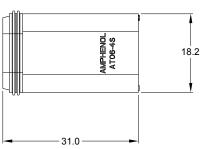
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 13 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 3.5 MOISTURE RESISTANCE:

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

IP69K(MATED CONDITION)

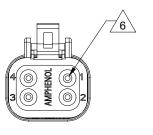
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-4P* RECEPTACLE (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

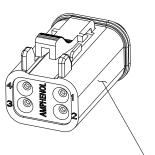




PART NUMBER CHART			
COLOR PART NUMBER			
GREY	AT06-4S		
BLACK	AT06-4S-BLK		
BLUE	AT06-4S-BLU		
BROWN	AT06-4S-BRN		
GREEN	AT06-4S-GRN		
RED	AT06-4S-RED		
WHITE	AT06-4S-WHT		
YELLOW	AT06-4S-YEL		
ORANGE	AT06-4S-ORG		

REVISIONS						
REV	ECO	DESCRIPTION	DATE	BY	APPR	
A3	-	RELEASE NEW DWG FORMAT	26DEC13	DRP		
A4	C0540S	UPDATE DIMENSIONS	22JUN16	JONY	TOMMY	
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY	





PLUG, 4 SOCKET, AT SERIES

DWG NO:

AT06-4S-XXX

REV: A5

SH:

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

	SEE PART N	NUMBER CHART		REF: DT064S, DT064S-E004, DT064S-P012				
	PART N	NUMBER			DESCRIPTION			ITEM
QUANTITY		ı	MAT	ERI	ALS LI	ST		
UNLESS OTHER		SIGN	IATURES	DATE	^	mnho	no	
All dimensions a Tolerances are a PL DEC ±0.30		DRAWN:	LOUIE	23NOV20	Amphenol			
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	25NOV20	20 Sine Systems - www.amphenol-sine.com			
3) Note reference	- 🗴	ENGINEER:			44724 Morley Drive Clinton Township, MI 48036 PLUG, 4 SOCKET, AT SERIES			
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	27NOV20				
		CUSTOMER:						
			G IS SUPPLIED]	,	02.1.20	
PROCESS SPECIFICA	rions:	SPECIFICATIO SHOWN HERE THE AMPHENO OF REPRODU	ON ARE THE P	ORMANCE DATA ROPERTY OF ION. NO RIGHTS PLIED. ALL	B C- AT06-4S-XXX		A5	
NEXT ASS'Y:			ING VARIATION	NS.			of 1	

AT Series™ - Contact Size 16 Options

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	Female Contact - Socket, Nickel-plated 16 14 N		Machined	
AT60-202-1631	Male Contact - Pin, Gold-plated	16	16-20	Machined	
AT62-201-1631	Female Contact - Socket, Gold-plated 16 16-20 Me		Machined		
AT60-202-16141	Male Contact - Pin, Nickel-plated 16 16-20 Mc		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 N		Machined		
AT62-201-1631-22	Female Contact - Socket, Gold-plated 16 22-24 Ma		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		
	ATRT-100	Used for removal of contacts for A Series™ products		
	AT11-310-1605	Contact Removal Tool, Plastic, Size 16		

Sealing Plugs				
Part	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		

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)		
	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 03/2022