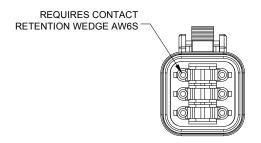
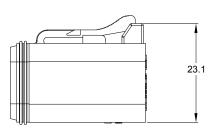
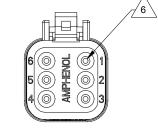


		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	27DEC13	JARRY	
A4	C0540S	UPDATE DIMENSIONS	29JUN16	JONY	TOMMY
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY







NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

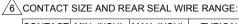
HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

2. MODIFICATIONS: N/A

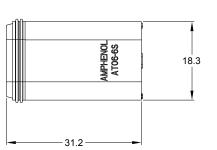
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 13 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 3.5 MOISTURE RESISTANCE:

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

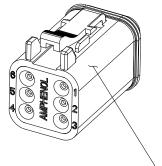
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-6P* RECEPTACLE (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



CONTACT	MIN. 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	AT06-6S			
BLACK	AT06-6S-BLK			
BLUE	AT06-6S-BLU			
BROWN	AT06-6S-BRN			
GREEN	AT06-6S-GRN			
RED	AT06-6S-RED			
WHITE	AT06-6S-WHT			
YELLOW	AT06-6S-YEL			
ORANGE	AT06-6S-ORG			



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

	SEE PART NUMBER CHART			REF: DT06-6S, DT06-6S-E004, DT06-6S-P012			
	PART N	IUMBER		DESCRIPTION			ITE
QUANTITY		ı	MAT	ERI	ALS LI	ST	•
	WISE SPECIFIED		ATURES	DATE	Λ	mnhono	
1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64		DRAWN:	LOUIE	23NOV20	Amphenol		
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	25NOV20	V20 Sine Systems - www.amphenol-sine.com		
3) Note reference = X		ENGINEER:			44724 Morley Drive		
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	27NOV20		Clinton Township, MI 48036	
		CUSTOMER:			PL	UG, 6 SOCKET, AT SERIES	
PROCESS SPECIFICA	TIONIC.	INFORMATION	3 IS SUPPLIED F	FEATURES,		00,00001121,711 0211120	
SPEC SHOI THE. OF R. DIME		SHOWN HERE THE AMPHENO OF REPRODUC	NS AND PERFORM ON ARE THE PR OL CORPORATIO CTION ARE IMPL ARE SUBJECT TO	OPERTY OF IN. NO RIGHTS IED. ALL	B C-	AT06-6S-XXX	A5
			ING VARIATIONS		SCALE: NONE	SHEET 1	of 1

PLUG, 6 SOCKET, AT SERIES

DWG NO:

AT06-6S-XXX

REV: **A5** SH: 1 OF:

AT Series™ - Contact Size 16 Options

Machined Contacts, Sockets & Pins							
Part Number	Description		AWG	Туре			
AT60-215-1631	5-1631 Male Contact - Pin, Gold-plated		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			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:

 $\frac{\text{Amphenol}}{\text{AT06-6S}}$