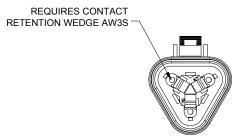


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	11DEC13	JARRY	
A4	-	ADD COLOR "ORANGE"	13MAR20	VITO	TOMMY
A5	-	UPDATE NOTE	23NOV20	LOUIE	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

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HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

2. MODIFICATIONS: END CAP

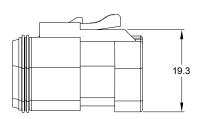
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 13 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 3.5 MOISTURE RESISTANCE:

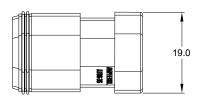
IP68(1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION) IP69K(MATED CONDITION)

- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-3P* RECEPTACLE (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

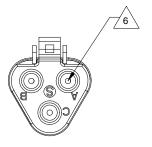
		AR SEAL WIF	
CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL
0175	0.0	~ -	NAME DANK

CONTACT	MIN. INSUL		TYPICAL
SIZE O.D.		O.D.	WIRE RANGE
16 2.24 mm (.088 in)		3.68 mm (.145 in)	14 - 20 AWG (2.0-0.5mm²)





PART NUMBER CHART		
COLOR	PART NUMBER	
GREY	AT06-3S-EC01	
BLACK	AT06-3S-EC01BLK	
BLUE	AT06-3S-EC01BLU	
BROWN	AT06-3S-EC01BRN	
GREEN	AT06-3S-EC01GRN	
RED	AT06-3S-EC01RED	
WHITE	AT06-3S-EC01WHT	
YELLOW	AT06-3S-EC01YEL	
ORANGE	AT06-3S-EC01ORG	



STANDARD COLOR IS GREY,

ADDITION COLOR SHOWN IN-PART NUMBER CHART PLUG, 3 SOCKET, AT SERIES, END CAP

AT06-3S-EC01XXX

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

	SEE PART NUMBER CHART			RE	REF: DT06-3S-E003, DT06-3S-E005, DT06-3S-EP04, DT06-3S-EP06			
	PART NUMBER			DESCRIPTION			SCRIPTION	ITEM
QUANTITY		ı	MAT	ERI	ALS	3 LI	ST	
	UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows:		ATURES	DATE	Sine Systems - www.amphenol-sine.com 44724 Morley Drive			
			LOUIE	23NOV20				
1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08		CHECKED:	ORION	25NOV20				
3) Note reference	3) Note reference = X							
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	27NOV20			Clinton Township, MI 48036	
		CUSTOMER:			PI	LUG. 3	SOCKET. AT SERIES. END C	AΡ
PROCESS SPECIFICATIONS: NEXT ASSY:		INFORMATION SPECIFICATIO SHOWN HERE THE AMPHENO OF REPRODUC	S IS SUPPLIED F ONLY. DESIGN I NS AND PERFOR ON ARE THE PR DL CORPORATIO CTION ARE IMPL ARE SUBJECT TO	FEATURES, RMANCE DATA OPERTY OF DN. NO RIGHTS IED. ALL D NORMAI	size B	C-	AT06-3S-EC01XXX	REVISION A5
			ING VARIATIONS	S.	SCALE: N	ONE	SHEET 1 OF	1

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	AT60-202-16141-22 Male Contact - Pin, Nickel-plated		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	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:
AT06-3S-EC01BLK