

	REVISIONS							
REV	ECO	DESCRIPTION	DATE	BY	APPR			
A1	-	RELEASE	5JUL17	JAH	-			
A2	-	ADDED REDUCED DIAMETER SEAL P/N'S	28JAN18	JAH				
A3	-	REVISED TITLE	14JUN19	JAH				



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: HOUSING: PA66 GF15 SEAL: SILICONE RUBBER

- 2. MODIFICATIONS: FOR OVER MOLDING
- 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: IP67 (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.

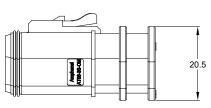


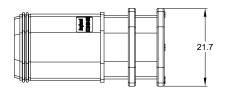
STANDARD SEAL

CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL
SIZE	O.D.	O.D.	WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	

REDUCED DIAMETER SEAL

CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL
SIZE	O.D.	O.D.	WIRE RANGE
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG





P/N W/ RD SEAL

AT06-3S-OMRDGRY

AT06-3S-OMRDBLK

AT06-3S-OMRDBLU AT06-3S-OMRDBRN

AT06-3S-OMRDGRN

AT06-3S-OMRDRED

AT06-3S-OMRDWHT

AT06-3S-OMRDYEL

PART NUMBER CHART

P/N W/ STD SEAL

AT06-3S-OMGRY

AT06-3S-OMBLK

AT06-3S-OMBLU

AT06-3S-OMBRN

AT06-3S-OMGRN

AT06-3S-OMRED

AT06-3S-OMWHT

AT06-3S-OMYEL

COLOR

GREY

BLACK

BLUE

BROWN

GREEN

WHITE

YELLOW

RED

6	
BOLLON	
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	SEE PART NU	JMBER CHART					_
	PART NUMBER			DE	SCRIPTION	ITI	EM
QUANTITY MA		MA	TERI	ALS LI	ST		П
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 ±0.15 Angles ±1* 3 PL DEC ±0.08		SIGNATURE	S DATE		mphor	$\overline{\Box}$	
		DRAWN: J. HEAD	5JUL2017		mpher	IOI	
		CHECKED:		Sine Systems - www.amphenol-sine.com		•	
3) Note reference	= <u>/x</u>	ENGINEER:		44724 Morley Drive Clinton Township, MI 48036			
MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY:		CUSTOMER:		STRUCT	URE+, OVERMOLD-CO	MPATIBLE	-
		THIS DRAWING IS SUPPLIE		PL	.UG, 3 SOCKET, AT SE	RIES	
		SPECIFICATIONS AND PER SHOWN HEREON ARE THE THE AMPHENOL CORPOR/ OF REPRODUCTION ARE III DIMENSIONS ARE SUBJECT	PROPERTY OF ATION, NO RIGHTS MPLIED, ALL	В С-	AT06-3S-OMX	XX REVISI	3
		MANUFACTURING VARIATI		SCALE: NONE	SHEET	1 of 1	



REV: A3 SH: 1

STRUCTURE+, OVERMOLD-COMPATIBLE, PLUG, 3 SOCKET, AT

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	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	62-201-1631-22 Female Contact - Socket, Gold-plated		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