CAVITY "C" CAVITY "A" CAVITY "B" STRAIN RELIEF END CAP - BLACK - ALL CONNECTORS CAVITY "A" REFER TO PART NUMBER CHART FOR AVAILABLE CONNECTOR COLORS											_
A3   -   RELEASE NEW DWG FORMAT   11DEC13   DRP   TOMMY     A5   -   ADD COLOR OPTION   23N0/20   LOUE   TOMMY     A6   -   CAVITY "C"   -   CAVITY "B"   -						REVISIONS					
Ad   CO6406S   UPDATE DIMENSIONS   22JULI6   JONY   TOMMY     A5   -   ADD COLOR OPTION   23N0/20   LOUIE   TOMMY     A5   -   ADD COLOR OPTION   23N0/20   LOUIE   TOMMY     CAVITY "A"   -   CAVITY "C"   -		REV	ECO		DE	SCRIPTION		DATE	BY	APPR	]
A5 ADD COLOR OPTION 23NOV20 LOUIE TOMMY		A3	-	REL	EASE NE	W DWG FORM	IAT	11DEC13	DRP		
		A4	C0540S		UPDATE	DIMENSIONS		22JUL16	JONY	TOMMY	·]
CAVITY "A" CAVITY "A" CAVITY "A" CAVITY "B" CAVITY "A" CAVITY "B" CAVITY "B" CAVITY "A" CAVITY "B" CAVITY		A5	-		ADD CO	LOR OPTION		23NOV20	LOUIE	TOMMY	,
PART NUMBER DESCRIPTION ITEM   QUANTITY MATERIALS LIST   UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric/mm, 2) Oters rese as follow: SignATURES DATE   DRAWN LOUE 23N0V20   PR DEC 20.08 Argies at 10%   OFECKED: ORION 24N0V20   PROVAL: TOMMY 25N0V20   ONDER reference -  Argies at 10%   MATERIAL SPECIFICATIONS CUSTOMER   PROCESS SPECIFICATIONS: TOS DRAWING IS SUPPLIED FOR THE AMPHENOL CORPORATION NO. NO. PROFERINGES. SPECIFICATIONS:   PROCESS SPECIFICATIONS: SPECIFICATIONS NO. PROFERINGES. SPECIFICATIONS:	t CAVIT		BLA	RAIN RECK - AL		ND CAP REFER T					TITLE PLUG, 3 SOCKET, AT SERIES, STRAIN RELIEF END CAP DWG NO: ATOG-3S-SR01XXX REV: A5 SH: 1 OF
UNLESS OTHERWISE SPECIFIED     SIGNATURES   DATE     DRAWN: LOUE 23N0/20     PROES 30.00   Receiver a follow:     3 PL DEC 30.00   Argies 1**   DRAWN: LOUE 23N0/20     SIGNATURES   DATE     0 Note reference - X   DRAWN: LOUE 23N0/20     0 Note reference - X   ENGINEER:   CHECKED: 0RON 24N0/20     MATERIAL SPECIFICATIONS:   ENGINEER:   CUSTOMER:     PROCESS SPECIFICATIONS:   CUSTOMER:   PLUG, 3 SOCKET, AT SERIES, STRAIN RELIEF END CAP     PROCESS SPECIFICATIONS:   SPECIFICATION NO PROFERIMENCE DATE BY CORPORATION NO REPORT WATED ALL TO THE ADDREED ATTOR PROVINCING CORPORATION NO REPORT OF THE ROPERTY OF THE ADDREED ATTOR PROVINCING ALL TO REPORT WATED ALL TO THE ADDREED ATTOR PROVINCING THE ADDREED ATTOR PROFERING THE ADDREED ATTOR PROFERING THE ADDREED ATTOR PROFERING TO REPORT WATED ALL TO THE ADDREED ATTOR PROFERING THE ADDREED ATTOR PROFERING THE ADDREED ATTOR PROFERING THE ADDREED ATTOR PROFERING TO REPORT WATED ALL TO THE ADDREED ATTOR PROFERING THE ADDREED ATTOR PROFERING TO REPORT WATED ALL TO THE ADDREED ATTOR PROFERING TO		PART						ION		ITEM	<u>I</u> -
Dividing and the metric/metry   Drawn:   LOUE   23NOV20     P Tolerances are software   Drawn:   LOUE   23NOV20     PL DEC 30.01   Angles at 1%   Checked:   23NOV20     S Note reference -   Image: State and State an					1	ALS LI	ST				-
Image: State above and a tree above and a tree above and a tree above above and a tree above above and a tree above above above and a tree above abov	1) All dimensions 2) Tolerances are	are in metric(mm).	DRAWN:			A	m		no		
3) Note reference - A RUINEER: APPROVAL: TOMMY 25NOV20 CUSTOMER TUSTOMEN CUSTOMER TUSTOMENTINES SPECIFICATIONS:	1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08	Fractions ±1/64 Angles ±1*	CHECKED:		-	Si			ol-sine.com		
MATERIAL SPECIFICATIONS: CUSTOMER: THIS DRAWING IS SUPPLED FOR PROCESS SPECIFICATIONS: PROCESS SPECIFICATIONS: SPECIFICA		-	ENGINEER:			1	44724 Mor	ley Drive			
PROCESS SPECIFICATIONS: SUPPLED FOR SPORTMUNIC IS SUPPLED FOR PROCESS SPECIFICATIONS: SUPPLED FOR SPORTMUNIC IS SUPPLED FOR PROCESS SPECIFICATIONS: SUPPLED FOR SPORTMUNIC IS SPORTMUNIC		APPROVAL: TOWNY 25NOV20 Clinton Township, MI 48036				-					
SHOWN HEREONARE THE PROPERTY OF THE AMPHENOL COMPORTION OF BIRGHTS DE C		THIS DRAWING IS SUPPLIED FOR			-	STRAIN I					
NEXT ASSY: MANUFACTURING VARIATIONS. SCALE: NONE SHEET 1 OF 1		ATIONS:	SPECIFICATION SHOWN HEREC THE AMPHENO OF REPRODUC	IS AND PERFORM IN ARE THE PR L CORPORATION TION ARE IMPL	RMANCE DATA OPERTY OF IN. NO RIGHTS IED. ALL	В С-		)6-3S-SR	01XXX		
	NEXT ASS'Y:		MANUFACTURI	NG VARIATION	S.	SCALE: NONE		:	знеет 1	OF 1	]

REQUIRES CONTACT RETENTION WEDGE AW3S

NOTES: UNLESS OTHERWISE SPECIFIED

- 1. MATERIAL: HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER
- 2. MODIFICATIONS: STRAIN RELIEF END CAP

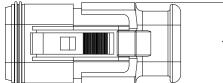
3. SPECIFICATIONS:

- 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.

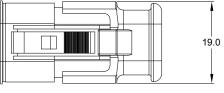
6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT MIN. INS		MAX. INSUL	TYPICAL	
SIZE O.D.		O.D.	WIRE RANGE	
16	2.24 mm	3.68 mm	14 - 20 AWG	
10	(.088 in)	(.145 in)	(2.0-0.5mm <sup>2</sup> )	



40.7±0.6

PART NUMBER CHART				
COLOR	PART NUMBER			
GREY	AT06-3S-SR01GRY			
BLACK	AT06-3S-SR01BLK			
BLUE	AT06-3S-SR01BLU			
BROWN	AT06-3S-SR01BRN			
GREEN	AT06-3S-SR01GRN			
RED	AT06-3S-SR01RED			
WHITE	AT06-3S-SR01WHT			
YELLOW	AT06-3S-SR01YEL			
ORANGE	AT06-3S-SR01ORG			



19.4

## AT Series<sup>™</sup> - Contact Size 16 Options

Machined Contacts, Sockets & Pins						
Part Number	Description	Size	AWG	Туре		
AT60-215-1631	Male Contact - Pin, Gold-plated	Male Contact - Pin, Gold-plated 16 14 Ma		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	-16141-22 Male Contact - Pin, Nickel-plated 16 22-24 Machin		Machined			
AT62-201-16141-22 Female Contact - Socket, Nickel-plated 16 22-24 Machin		Machined				

	Tooling - Machined Contacts					
Part	Part Number	Description				
	CA-5D12	Universal Hand Crimp Tool, Size 12/16/20 (Machined contacts only)				
Store I	CA-5E12	Pneumatic Crimp Tool, Size 12/16/20 (Machined contacts only)				

	Contact Removal Tools					
Part	Part Number	Description				
- Income and a second	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)				
A State	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

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