

NOTES: UNLESS OTHERWISE SPECIFIED

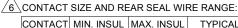
1. MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

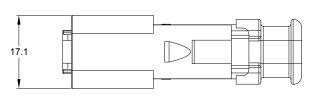
- 2. MODIFICATIONS: STRAIN RELIEF END CAP; REDUCED DIA. WIRE SEAL
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 13 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS 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: AT06-2S* PLUG (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

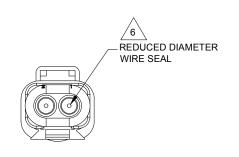


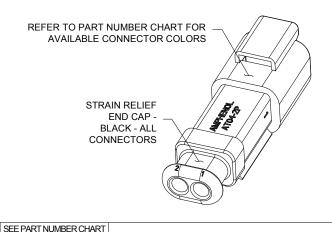
CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL	
SIZE	O.D.	O.D.	WIRE RANGE	
16	1.35 mm	3.05 mm	14 - 20 AWG	
10	(.053 in)	(.120 in)	(2.0-0.5mm ²)	



PART NUMBER CHART				
COLOR PART NUMBER				
GREY	AT04-2P-SR02GRY			
BLACK	AT04-2P-SR02BLK			
BLUE	AT04-2P-SR02BLU			
BROWN	AT04-2P-SR02BRN			
GREEN	AT04-2P-SR02GRN			
RED	AT04-2P-SR02RED			
WHITE	AT04-2P-SR02WHT			
YELLOW	AT04-2P-SR02YEL			
ORANGE	AT04-2P-SR02ORG			

REVISIONS						
REV	ECO	DESCRIPTION DATE BY APP				
A3	-	RELEASE NEW DWG FORMAT 11DEC13 DRP				
A4	C0540S	UPDATE DIMENSIONS	05JUL16	JONY	TOMMY	
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY	





	PART N	NUMBER				DE	SCRIPTION	1
QUANTITY		MATERIA			ALS	S LI	ST	
UNLESS OTHERWISE SPECIFIED		SIGNATURES DATE		DATE			L	
All dimensions a Tolerances are a PL DEC ±0.30		DRAWN:	LOUIE	23NOV20		\rightarrow	mp	I
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	25NOV20		Sin	e Systems - ww	w.
3) Note reference = X		ENGINEER:			44724 Morley			
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY	27NOV20			Clinton Townsl	nıp
		CUSTOMER:		-	RECEPTACLE, 2 PI			٧,
PROCESS SPECIFICATIONS: NEXT ASSY:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL			RELIEF END CAP, REI			DI
					В	C-	AT04-	2
		MANUFACTURI		S.	SCALE: N	IONE		

JIST \mphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 PTACLE, 2 PIN, AT SERIES, STRAIN END CAR REDUCED DIA WIRE SEAL

RECEP, 2 PIN, AT, STRAIN RELIEF, REDUCED DIA WIRE SEAL

DWG NO:

AT04-2P-SR02XXX

35

ITEM

IXELI	LI LIN	D CAI , NEDUCED D	ירוע	/ V II \L	_ ~	,LAL
SIZE	TYPE	DWG NO:	~~~	^/		REVISION
В	C-	AT04-2P-SR0	2XX	X		A5
SCALE: N	ONE	SH	HEET	1	OF	1

AT Series™ - Contact Size 16 Options

Machined Contacts, Sockets & Pins					
Part Number	Description Size			Туре	
AT60-215-1631	Male Contact - Pin, Gold-plated 16 14 Ma				
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 Ma		Machined		
AT62-201-16141	Female Contact - Socket, Nickel-plated	16	16-20	Machined	
AT60-202-1631-22	2 Male Contact - Pin, Gold-plated 16 22-24 Ma		Machined		
AT62-201-1631-22	Premale Contact - Socket, Gold-plated 16 22-24 Ma		Machined		
AT60-202-16141-22	Male Contact - Pin, Nickel-plated 16 22-24 Mac		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)			
5	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				
4	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)		
K	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