

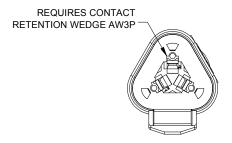
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
А3	-	RELEASE NEW DWG FORMAT	11DEC13	DRP	
A4	-	UPDATE DIMENSIONS	08SEP20	IAN	TOMMY
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY

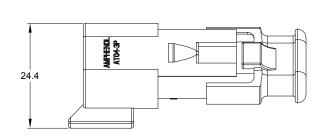
RECEPTACLE, 3 PIN, AT SERIES, STRAIN RELIEF END CAP

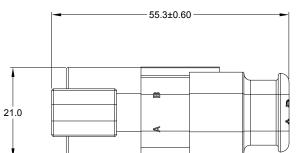
DWG NO:

AT04-3P-SR01XXX

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NOTES: UNLESS OTHERWISE SPECIFIED

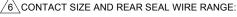
1. MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

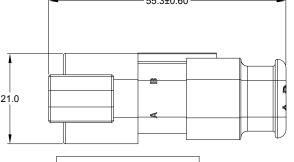
- 2. MODIFICATIONS: STRAIN RELIEF END CAP
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 13 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 3.5 MOISTURE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

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

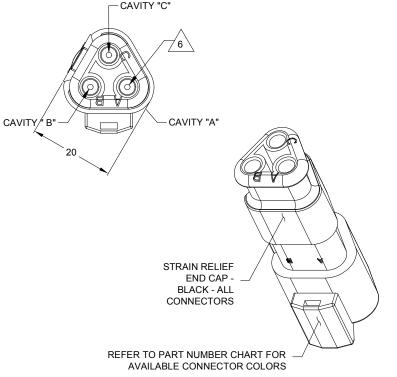
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT06-3S* PLUG (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

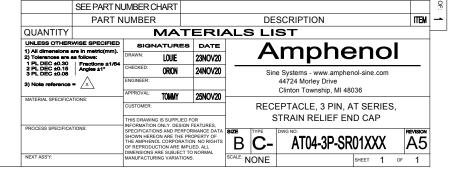


CONTACT MIN. INSUL		MAX. INSUL	TYPICAL	
SIZE	O.D.	O.D.	WIRE RANGE	
16	2.24 mm	3.68 mm	14 - 20 AWG	
10	(.088 in)	(.145 in)	(2.0-0.5mm ²)	



PART NUMBER CHART				
COLOR	PART NUMBER			
GREY	AT04-3P-SR01GRY			
BLACK	AT04-3P-SR01BLK			
BLUE	AT04-3P-SR01BLU			
BROWN	AT04-3P-SR01BRN			
GREEN	AT04-3P-SR01GRN			
RED	AT04-3P-SR01RED			
WHITE	AT04-3P-SR01WHT			
YELLOW	AT04-3P-SR01YEL			
ORANGE	AT04-3P-SR01ORG			





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		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		16-20	Machined
AT60-202-16141	1 Male Contact - Pin, Nickel-plated 16 16-2		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	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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:
AT04-3P-SR01BLK