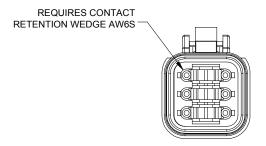


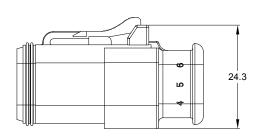
		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	11DEC13	DRP	
A4	C0540S	UPDATE DIMENSIONS	22JUL16	JONY	TOMMY
A5	-	ADD COLOR OPTION	23NOV20	LOUIE	TOMMY

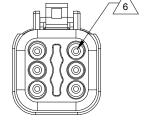
PLUG, 6 SOCKET, AT SERIES, STRAIN RELIEF END CAP

AT06-6S-SR01XXX

₹







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)

(.145 in) (2.0-0.5mm²)

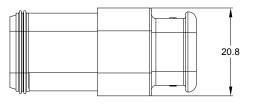
- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: AT04-6P* RECEPTACLE (* = MODIFICATIONS AND COLORS)

(ni 880.)

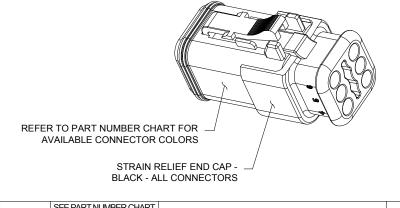
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

70	CONTACT SIZE AND REAR SEAL WIRE RANGE.							
	CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL				
	SIZE	O.D.	O.D.	WIRE RANGE				
		2.24 mm	3.68 mm	14 - 20 AWG				

CONTACT SIZE AND DEAD SEAL WIDE DANCE.



PART NUMBER CHART				
COLOR	PART NUMBER			
GREY	AT06-6S-SR01GRY			
BLACK	AT06-6S-SR01BLK			
BLUE	AT06-6S-SR01BLU			
BROWN	AT06-6S-SR01BRN			
GREEN	AT06-6S-SR01GRN			
RED	AT06-6S-SR01RED			
WHITE	AT06-6S-SR01WHT			
YELLOW	AT06-6S-SR01YEL			
ORANGE	AT06-6S-SR01ORG			



	SEEFARIN	UIVIDER	N IMAGE					
	PART N	NUMBER	1	DESCRIPTION			ПЕМ	
QUANTITY		ı	MAT	ERI	ALS	3 LI	ST	
		IATURES	DATE	1 manhanal				
All dimensions at 2) Tolerances are 1 PL DEC ±0.30		DRAWN:	LOUIE	23NOV20	1		mphenol	
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:	ORION	25NOV20	Sine Systems - www.amphenol-sine.com		ne Systems - www.amphenol-sine.com	
3) Note reference = X MATERIAL SPECIFICATIONS:		ENGINEER:			44724 Morley Drive			
		APPROVAL:	TOMMY	27NOV20	<u> </u>		Clinton Township, MI 48036	
	my Ettre of conformation.				PLUG, 6 SOCKET, AT SERIES,			
			G IS SUPPLIED		1	(STRAIN RELIEF END CAP	
PROCESS SPECIFICATIONS:		SPECIFICATIO SHOWN HERE THE AMPHENO OF REPRODUC	ON ARE THE PE	DRMANCE DATA ROPERTY OF ON. NO RIGHTS LIED. ALL	B	C-	AT06-6S-SR01XXX	A5
NEXT ASS'Y:			RING VARIATION		SCALE: N	ONE	SHEET 1 OF	1

A Series™ - Contact Size 16 Options (Works with: AT, ATV, AHD-9, ARC, DuraMate and PanelMate Series)

	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	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 Number	Description			
AUTK-16	Hand Crimp Tool, Size 16			
AUTK-100	Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20			
CA-5D12	Universal Hand Crimp Tool, Size 12/16/20			
CA-5E12	Pneumatic Crimp Tool, Size 12/16/20			

Contact Removal Tools (For both Machined or Stamped & Formed Contacts)					
Part Number	Description				
ATRT-100	Contact and Wedgelock Extraction Tool				
AT11-310-1605	Contact Removal Tool, Plastic, Size 16				

Sealing Plugs (For both Machined or Stamped & Formed Contacts)					
Part Number	Description				
A114017	Sealing Plug, Size 16, White				
A114017-SR	Sealing Plug, Size 16, SR01 Series, Black				
AT13-217-1605	Locking Sealing Plug, Size 16, Grey				
AT13-217-1605-SR	Locking Sealing Plug, Size 16, SR01 Series, Red				

Stamped & Formed Contacts, Sockets & Pins						
Description	Size	AWG	Туре			
Male Contact - Pin, Nickel-plated	16	14-18	Stamped & Formed			
Female Contact - Socket, Nickel-plated	16	14-18	Stamped & Formed			
Male Contact - Pin, Gold-plated	16	14-18	Stamped & Formed			
Female Contact - Socket, Gold-plated	16	14-18	Stamped & Formed			
Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed			
Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed			
Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed			
Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed			
Male Contact - Pin, Nickel-plated	16	16-20	Stamped & Formed			
Female Contact - Socket, Nickel-plated	16	16-20	Stamped & Formed			
Male Contact - Pin, Gold-plated	16	16-20	Stamped & Formed			
Female Contact - Socket, Gold-plated	16	16-20	Stamped & Formed			
Male Contact - Pin, Tin-plated	16	16-20	Stamped & Formed			
Female Contact - Socket, Tin-plated	16	16-20	Stamped & Formed			
Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed			
Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed			
Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed			
Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed			
	Description Male Contact - Pin, Nickel-plated Female Contact - Socket, Nickel-plated Male Contact - Pin, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Nickel-plated Male Contact - Pin, Nickel-plated Male Contact - Socket, Nickel-plated Male Contact - Socket, Nickel-plated Male Contact - Socket, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Nickel-plated Female Contact - Socket, Nickel-plated Male Contact - Pin, Gold-plated Female Contact - Socket, Gold-plated Male Contact - Pin, Tin-plated Female Contact - Pin, Tin-plated Male Contact - Pin, Nickel-plated Male Contact - Pin, Gold-plated	DescriptionSizeMale Contact - Pin, Nickel-plated16Female Contact - Socket, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Socket, Gold-plated16Male Contact - Pin, Nickel-plated16Female Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Pin, Gold-plated16Male Contact - Pin, Mickel-plated16Female Contact - Socket, Gold-plated16Female Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16Female Contact - Socket, Gold-plated16Male Contact - Pin, Tin-plated16Female Contact - Pin, Tin-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Nickel-plated16Female Contact - Socket, Nickel-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Nickel-plated16Male Contact - Pin, Gold-plated16	DescriptionSizeAWGMale Contact - Pin, Nickel-plated1614-18Female Contact - Socket, Nickel-plated1614-18Male Contact - Pin, Gold-plated1614-18Female Contact - Socket, Gold-plated1614-18Male Contact - Pin, Nickel-plated1616-18Female Contact - Socket, Nickel-plated1616-18Male Contact - Pin, Gold-plated1616-18Female Contact - Socket, Gold-plated1616-18Male Contact - Pin, Nickel-plated1616-20Female Contact - Socket, Nickel-plated1616-20Male Contact - Pin, Gold-plated1616-20Female Contact - Socket, Gold-plated1616-20Male Contact - Pin, Tin-plated1616-20Female Contact - Pin, Tin-plated1616-20Male Contact - Pin, Nickel-plated1616-20Male Contact - Socket, Tin-plated1616-20Male Contact - Pin, Nickel-plated1620-22Female Contact - Socket, Nickel-plated1620-22Male Contact - Pin, Gold-plated1620-22			

	Tooling - Stamped & Formed Contacts				
MFX-3950	Crimp Die - Size 16, 18-20AWG				
MFX-3953	Crimp Die - Size 16, 16-18AWG				
MFX-3975	Crimp Die - Size 16, 14-16AWG				
MFX-3990	Crimp Die - Size 16, 20-22AWG				
ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG				
ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG				
ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG				