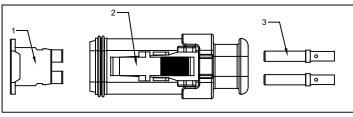
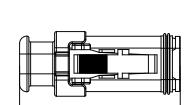


		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	06MAR19	PETER	TOMMY
A2	-	ADDED -LED24K2 TO CHART ADDED RD TO LASER ENGRAVING	14MAR19	JAH	-



KIT CONTENTS



NOTES: UNLESS OTHERWISE SPECIFIED

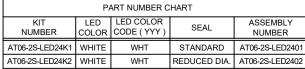
MATERIAL:

HOUSING: THERMOPLASTIC.COLOR:BLACK SEAL: SILICONE RUBBER WEDGELOCK:THERMOPLASTIC,COLOR:BLACK CONTACTS: COPPER ALLOY, NICKEL PLATING

- 2. CONNECTOR SPECIFICATIONS:
 - 2.1 CURRENT RATING: 13 AMPS
 - 2.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 2.3 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 2.4 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
 - 2.5 MATING CYCLE DURABILITY: 100 CYCLES
 - 2.6 ROHS COMPLIANT

3. LED SPECIFICATIONS:

- 3.1 FORWARD CURRENT: 4 MILLIAMPS TYPICAL: 6 MILLIAMPS MAXIMUM
- 3.2 REVERSE CURRENT: 50 MICROAMPS MAXIMUM
- 3.3 POWER DISSIPATION: 130 MILLIWATTS MAXIMUM
- 3.4 FORWARD VOLTAGE: 26 VOLTS MAXIMUM
- 3.5 REVERSE VOLTAGE: 5 VOLTS MAXIMUM
- 3.6 LUMINOUS INTENSITY: 1 CANDELA @ 24 VOLTS



4. MATING PART: AT04-2P* RECEPTACLE (* = MODIFICATIONS AND COLORS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

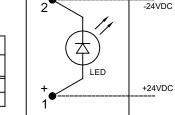
6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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)	

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)	



LED CONNECTOR DIAGRAM

2	AT62-201-16141		S	OCKET (CONTACT,16#	3]_
1	SEE CHART			UG 2-V	VAY,BLACK,LED	2	L
1	AW2S-LED		W	WEDGELOCK,2-WAY,LED			1
QUANTITY	PART NUMBER				DESCRIPTION	ITEM] -
		MA	TE	ERIA	ALS LIST		H
	WISE SPECIFIED are in metric(mm).	SIGNATUR	ES	DATE	Amphenol		1
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		DRAWN: SULLENZH	ANG (07MAR19	Amphenoi		
		CHECKED: ORION.L	J (07MAR19	Sine Systems - www.amphenol-sine.com	_	

All dimensions are in metric(mm). Tolerances are as follows:	DRAWN:	SULLEN ZHANG	07MAR19	t	$\boldsymbol{\mathcal{H}}$	mpne	eno	
1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 3 PL DEC ±0.08 Angles ±1°	CHECKED:	ORION.LI	07MAR19			e Systems - www.amphei		-
3) Note reference = X	ENGINEER:					44724 Morley Drive Clinton Township, MI 48	nse	
MATERIAL SPECIFICATIONS:	APPROVAL	TOMMY.XIE	07MAR19	_				
	CUSTOMER	ŧ		ı		RIES, 2-WAY, PLU	- /	,
		ING IS SUPPLIED FO		CLE	AR EN	D CAP,BLACK BO	DY,WEDG	ELOCK
PROCESS SPECIFICATIONS:	SPECIFICA SHOWN HE THE AMPHI OF REPRO	TIONS AND PERFORE REON ARE THE PRI ENOL CORPORATION DUCTION ARE IMPLIES ARE SUBJECT TO	RMANCE DATA OPERTY OF IN. NO RIGHTS IED. ALL O NORMAI	B	C-	AT06-2S-LE	D24KX	A2
NEXT ASS'Y:	MANUFACT	URING VARIATIONS	3.	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-20	Hand Crimp Tool, Size 20				
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				
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			
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			