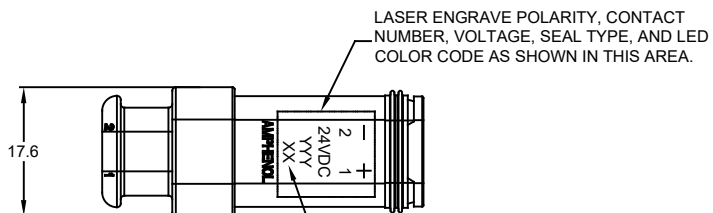
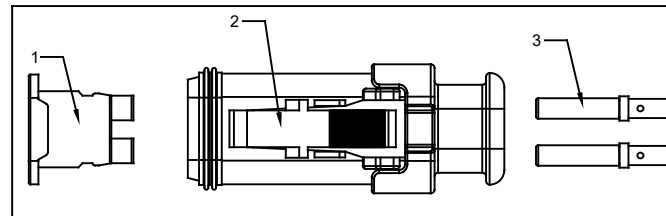
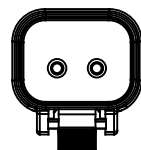
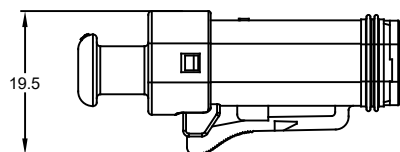
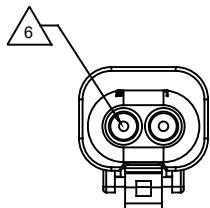


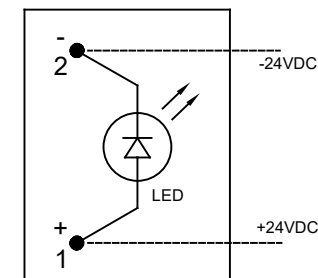
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	06MAR19	PETER	TOMMY
A2	-	ADDED -LED24K2 TO CHART ADDED RD TO LASER ENGRAVING	14MAR19	JAH	-



SEE PART NUMBER CHART BELOW.
YYY = LED COLOR CODE.
XX = SEAL CODE. RD IF REDUCED DIA.,
BLANK IF STANDARD SEAL.



KIT CONTENTS



LED CONNECTOR DIAGRAM

NOTES: UNLESS OTHERWISE SPECIFIED

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

- MATING PART: AT04-2P* RECEPTACLE
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONTACT SIZE AND REAR SEAL WIRE RANGE:

REDUCED DIAMETER SEAL:

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

STANDARD SEAL:

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

PART NUMBER CHART				
KIT NUMBER	LED COLOR	LED COLOR CODE (YYY)	SEAL	ASSEMBLY NUMBER
AT06-2S-LED24K1	WHITE	WHT	STANDARD	AT06-2S-LED2401
AT06-2S-LED24K2	WHITE	WHT	REDUCED DIA.	AT06-2S-LED2402

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
2	AT62-201-16141	SOCKET CONTACT,16#	3
1	SEE CHART	PLUG 2-WAY,BLACK,LED	2
1	AW2S-LED	WEDGELOCK 2-WAY,LED	1

UNLESS OTHERWISE SPECIFIED:				SIGNATURES		DATE	
1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =				DRAWN:	SULLENZHANG	07MAR19	<h1>Amphenol</h1> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>
				CHECKED:	ORIONLI	07MAR19	
MATERIAL SPECIFICATIONS:				ENGINEER:			<p>AT SERIES, 2-WAY, PLUG, LED, 24V, CLEAR END CAP, BLACK BODY, WEDGELOCK</p>
				APPROVAL:	TOMMYXIE	07MAR19	
PROCESS SPECIFICATIONS:				CUSTOMER:			<p>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 MANUFACTURING VARIATIONS.</p>
				NEXT ASSY:			
SIZE		TYPE		DWG NO:		REVISION	
B		C-		AT06-2S-LED24KX		A2	
SCALE		NONE		SHEET		1 OF 1	

TITLE: AT SERIES, 2WAY, PLUG, LED, 24V, CLEAR END CAP, BLACK BODY, WEDGELOCK

DWG NO:

AT06-2S-LED24KX

REV: A2

SH: 1

OF: 1

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