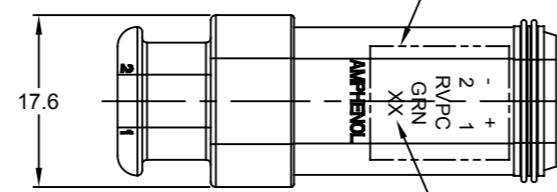
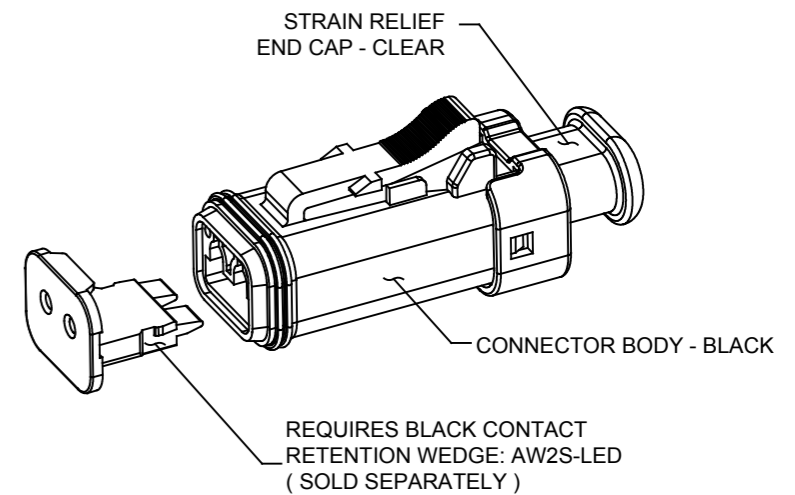
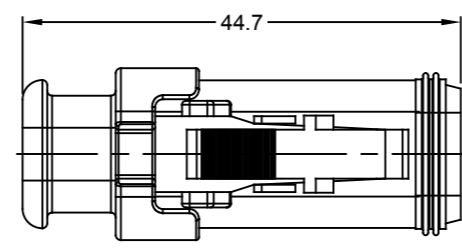
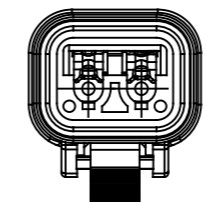
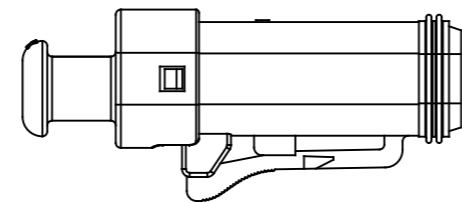


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	22JUN18	SULLEN	TOMMY
A2	-	UPDATE DRAWING	18MAR19	SULLEN	TOMMY

LASER ENGRAVE POLARITY, CONTACT NUMBER, VOLTAGE, SEAL TYPE, SPECIAL CIRCUIT TYPE (RVPC), AND LED COLOR CODE AS SHOWN IN THIS AREA.

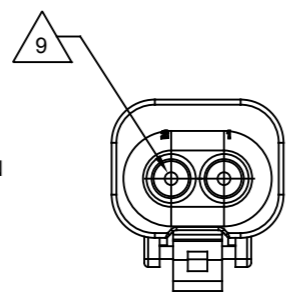


SEE PART NUMBER CHART BELOW.
XX = SEAL CODE. RD IF REDUCED DIA.,
BLANK IF STANDARD SEAL.



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC, BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: LIGHT EMITTING DIODE (GREEN), STRAIN RELIEF END CAP, REVERSE VOLTAGE PROTECTION CIRCUIT (RVPC).
- CONNECTOR SPECIFICATIONS:
3.1 CURRENT RATING: 13 AMPS
3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.3 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
3.4 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
3.5 MATING CYCLE DURABILITY: 100 CYCLES
3.6 ROHS COMPLIANT
- LED SPECIFICATIONS:
4.1 FORWARD CURRENT: 30 MILLIAMPS TYPICAL;
100 MILLIAMPS MAXIMUM
4.2 REVERSE CURRENT: 50 MICROAMPS MAXIMUM
4.3 POWER DISSIPATION: 120 MILLIWATTS MAXIMUM
4.4 FORWARD VOLTAGE: 4 VOLTS MAXIMUM
4.5 REVERSE VOLTAGE: 5 VOLTS MAXIMUM
- RESISTANCE SPECIFICATIONS:
5.1 RESISTANCE VALUE: 680 OHMS;
5.2 POWER RATING: 1/8 WATTS
5.3 MAX.WORKING VOLTAGE: 150 VOLTS
- RECTIFIER DIODE SPECIFICATIONS:
6.1 PEAK REVERSE VALUE: 1000 VOLTS;
6.2 FORWARD VOLTAGE: <1.1V @ I = 1A
- MATING PART: AT04-2P* RECEPTACLE
(* = MODIFICATIONS AND COLORS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



9 CONTACT SIZE AND REAR SEAL WIRE RANGE:

REDUCED DIAMETER SEAL:

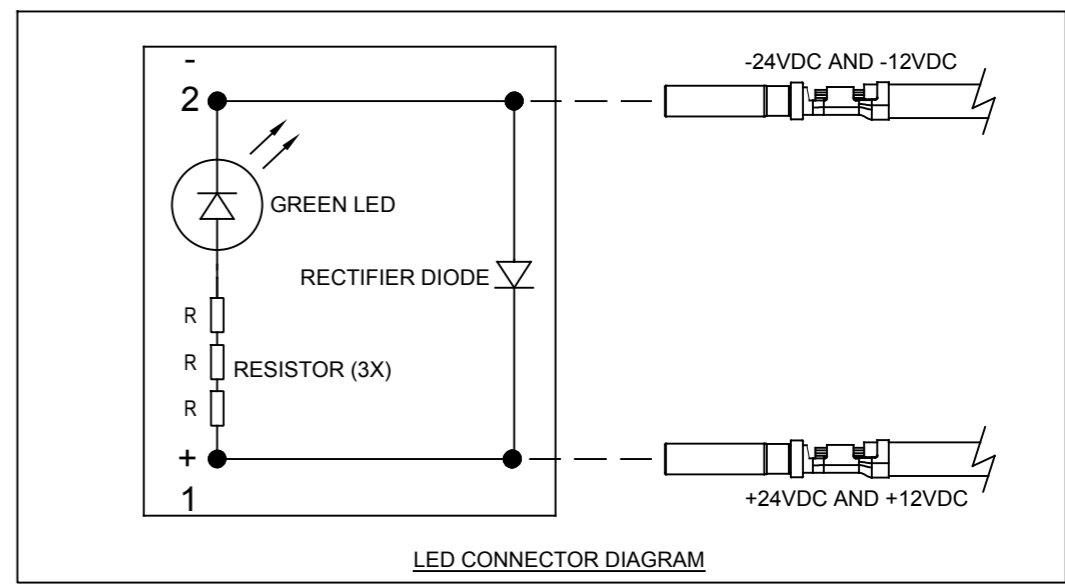
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

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

COMPONENT TYPES:
RESISTOR: TYPE 0805, R680Ω, 1/8W
SMD LED: KPA-1606ZGC-G
SMD RECTIFIER DIODE: 1000V, 1A, S1M

PART NUMBER CHART	
SEAL	PART NUMBER
STANDARD	AT06-2S-LED1224V
REDUCED DIAMETER	AT06-2S-LED1224VR



QUANTITY	SEE PN CHART	DESCRIPTION	ITEM
	PART NUMBER		
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 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 =		SIGNATURES DRAWN: SULLEN,ZHANG CHECKED: ORION,LI ENGINEER: APPROVAL: TOMMY,XIE	DATE 18MAR19 18MAR19 18MAR19
MATERIAL SPECIFICATIONS:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 AT SERIES, 2-WAY, PLUG, LED, 12V OR 24V CLEAR CAP, BLACK, RVP CIRCUIT	
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 MANUFACTURING VARIATIONS.		SCALE: NONE SHEET 1 OF 1
		SIZE: B C- DWG NO: AT06-2S-LED1224VX REVISION: A2	

TITLE: AT SERIES, 2-WAY, PLUG, LED, 12V OR 24V, CLEAR CAP, BLACK, RVP CIRCUIT
DWG NO: AT06-2S-LED1224VX
REV: A2
SH: 1
OF: 1