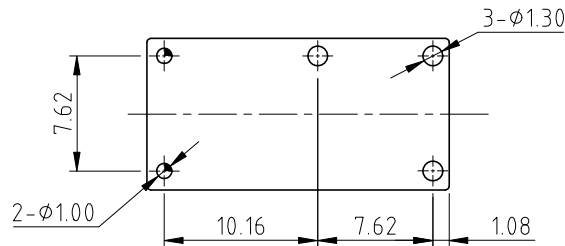
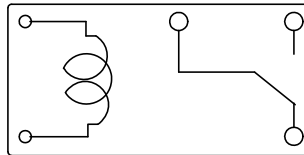
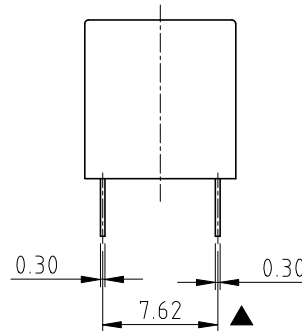
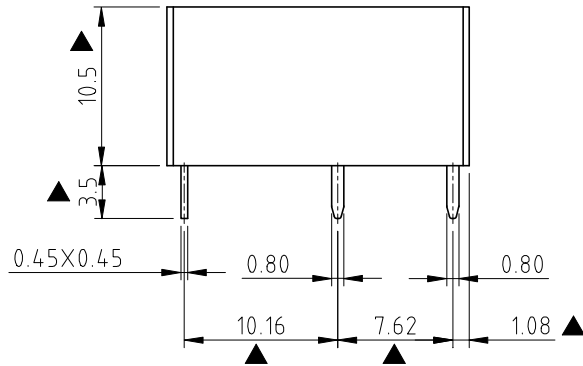
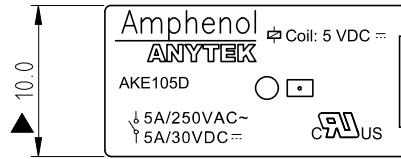


RoHS Compliant

REV	SIGN	DATE	DESCRIPTION	APPROVER
A0		2021.03.08	Initial Release	LENA
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!				



P.C.B. LAYOUT
Bottom View

Part No. AKE 1 05 D 00G

Coil Type
D : Standard DC Coil
Coil Voltage:
05: 5V(VDC)
Number of pole,
1: One Pole
TYPE : AKE

COIL SPECIFICATION

- Coil Nominal Voltage: 5V DC
- Coil Nominal Current: 40mA
- Coil Resistance: 125Ω ±10%
- Coil Power Consumption: Abt. 0.2W
- Pull-In Voltage(VDC): 3.75V Max
- Drop-Out Voltage(VDC): 0.25V Min
- Maximum Allowable Voltage: 7.5V
- Operate Time: 8 mSec. Max.
- Release Time: 6 mSec. Max.

CONTACT RATING

- Rated Load(Resistive): 5A 250V AC / 5A 30V DC
- Max. Allowable Voltage: AC 380V / DC 30V
- Max. Allowable Current: 5A
- Max. Allowable Power Force: 1250VA 150W
- Contact Material: Ag Alloy
- Contact Form: SPDT

ELECTRICAL

- Dielectric Strength:
 - Between Coil & Contact: 4,000V AC (50/60 Hz for 1 minute)
 - Between Contact: 1,000V AC (50/60 Hz for 1 minute)
- Contact Resistance: 100mΩ Max. at 1A, 6V DC
- Insulation Resistance: 100MΩ Min at 500V DC

MECHANICAL

- Life Expectancy(Operations):
 - Electrical: 1 x 10⁶ operations at Rated Resistive load
 - Mechanical: 1 x 10⁷ operations at No Resistive load
- Operating Temperature: -40°C ~ 85°C
- Safety Approval: UL

Amphenol
ANYTEK

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TITLE		AKE Series Relay, 5V DC,						
PART NO.		AKE105D00G			DWG NO.	8AKE0001		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.				Tolerance
		LENA 2021.03.08	LENA 2021.03.08			UNIT: mm	X.	±0.50
						SCALE: 2:1	X.X	±0.30
				SHEET: 01/01		REV: A0	X.XX	±0.10
						X°	±1°	