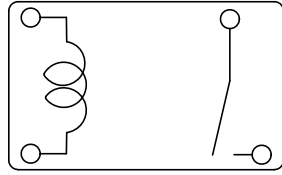
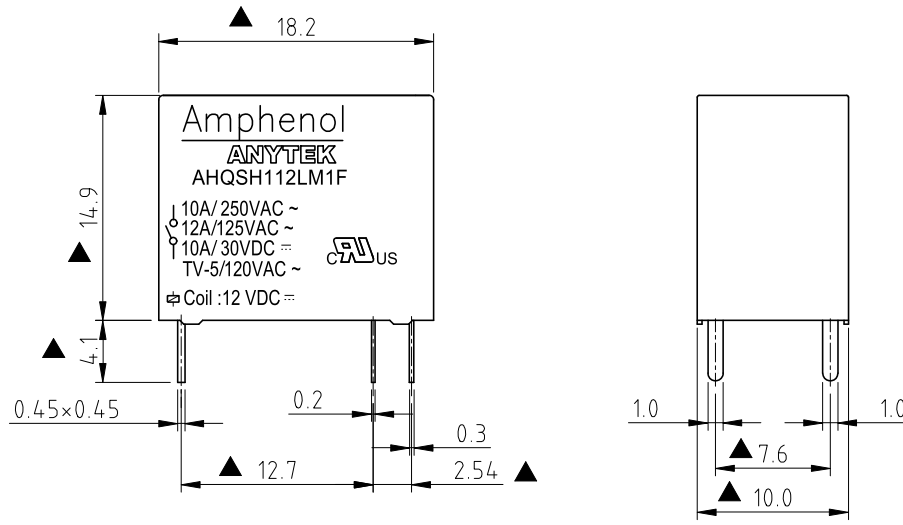


RoHS Compliant

REV	SIGN	DATE	DESCRIPTION	APPROVER
A0		2021.03.08	Initial Release	LENA

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!



COIL SPECIFICATION

- Coil Nominal Voltage: 12V DC
- Coil Nominal Current: 16.7mA
- Coil Resistance: 720Ω ±10%
- Coil Power Consumption: Abt. 0.2W
- Pull-In Voltage(VDC): 9.6V Max
- Drop-Out Voltage(VDC): 0.6V Min
- Maximum Allowable Voltage: 13.2V
- Operate Time: 10 mSec. Max.
- Release Time: 5 mSec. Max.

CONTACT RATING

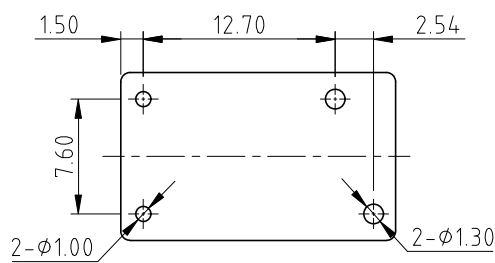
- Rated Load(Resistive): 10A 250V AC, 12A 125VAC
10A 30V DC,
- Rated Carrying Current: 10A
- Max. Allowable Voltage: AC 250V / DC 30V
- Max. Allowable Current: 12A
- Max. Allowable Power Force: 2,500VA 300W
- Contact Material: Ag Alloy
- Contact Form: SPST

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 10⁵ operations at Rated Resistive load
 - Mechanical: 1 x 10⁷ operations at No Resistive load
- Operating Temperature: -40°C ~ 105°C
- Safety Approval: UL



P.C.B. LAYOUT
Bottom View

Part No. AHQ SH 1 12 L M 1 F 00G

- Insulation System:
F : Class F
- Rated Carrying Current:
1 : 10A
- Contact Form:
M : One Form A
- Coil Type:
L : High DC
- Coil Voltage:
12: 12V(VDC)
- Number of pole,
1: One Pole
- Type of sealing :
SH:RT III wash tight
- TYPE : AMI

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TITLE		AHQ Series Relay, 12V DC, RT III Wash Tight					
PART NO.		AHQSH112LM1F00G		DWG NO.		8AHQ0001	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance	
		LENA	LENA			UNIT: mm	
		2021.03.08	2021.03.08			SCALE: 2:1	
				SHEET: 01/01		REV: A0	
				X.XX ±0.10		X° ±1°	