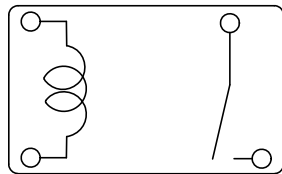
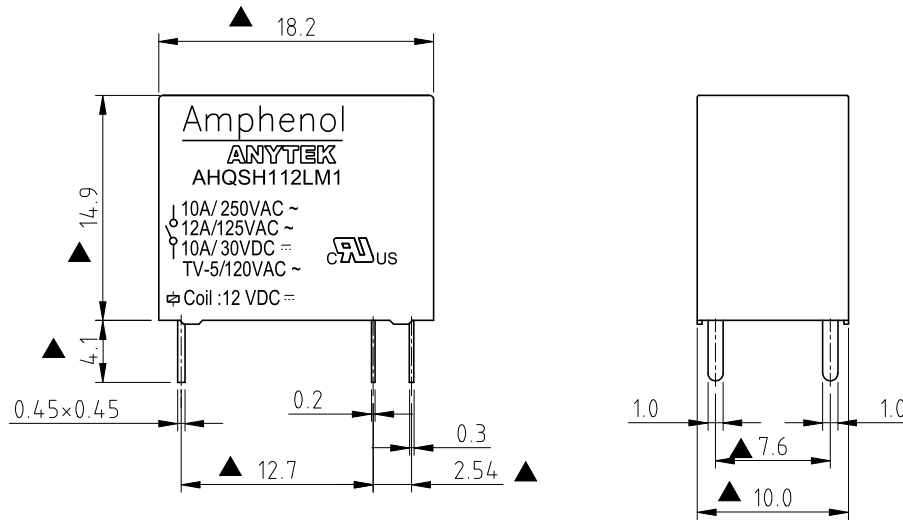


RoHS Compliant

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**

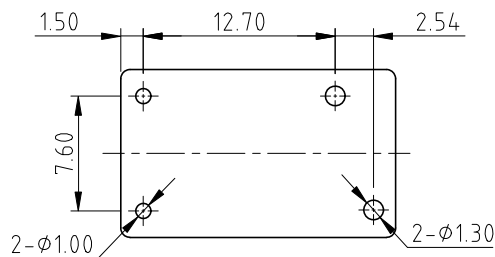
- Dielectric Strength:
  - Between Coil & Contact: 4,000V AC (50/60 Hz for 1 minute)
  - Between Contact: 1,000V AC (50/60 Hz for 1 minute)
- Contact Resistance: 100mΩ Max. at 1A, 6V DC
- Insulation Resistance: 100MΩ Min at 500V DC

**MECHANICAL**

- Life Expectancy(Operations):
  - Electrical: 1 x 10<sup>5</sup> operations at Rated Resistive load
  - Mechanical: 1 x 10<sup>7</sup> operations at No Resistive load
- Operating Temperature: -40°C ~ 85°C
- Safety Approval: UL

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

- 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



P.C.B. LAYOUT  
Bottom View

**Amphenol ANYTEK**

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TITLE	AHQ Series Relay, 12V DC, RT III Wash Tight					
PART NO.	AHQSH12LM100G		DWG NO.	8AHQ0006		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance	
		LENA 2021.03.08	LENA 2021.03.08		X.	±0.50
					X.X	±0.30
					X.XX	±0.10
					X°	±1°
				SHEET: 01/01	REV: A0	