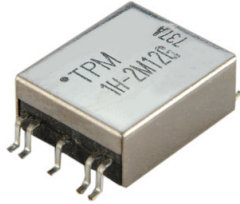


1H 2 Form A Series

Miniature Surface Mount

PRODUCT DESCRIPTIONS



The 1H 2 Form A series was especially designed for high performance T-circuit design required by the ATE market. The difference between this series and 3H series is that the former is capable of keeping open state during system calibration.

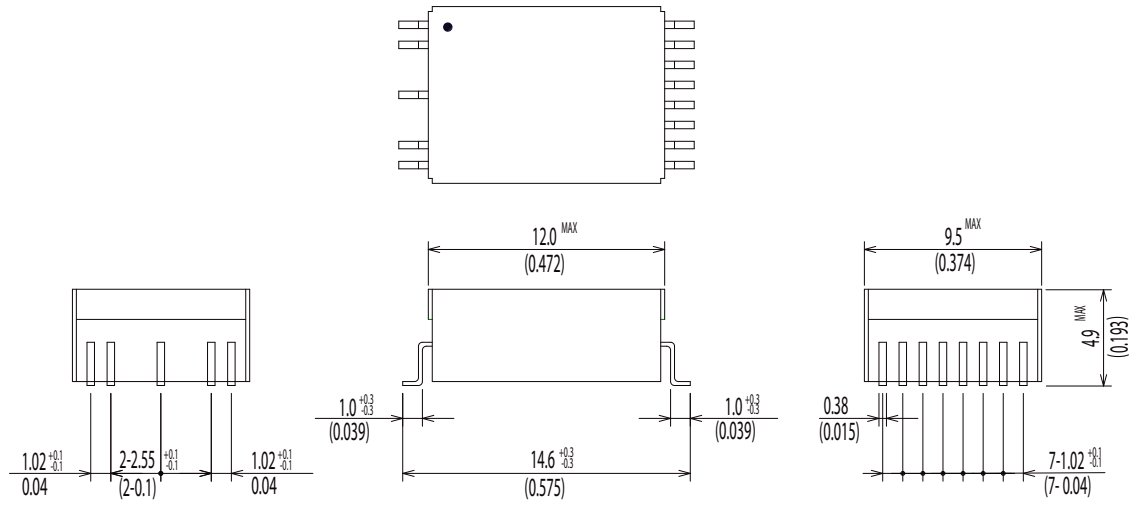
As an added feature, the two switched are configured within the relay as a single package, minimizing the physical length of the stub.

SPECIFICATIONS

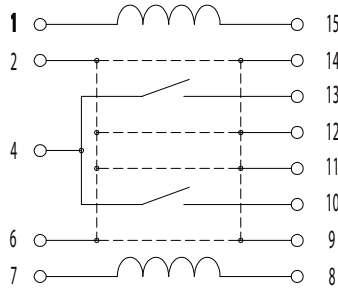


1H 2 Form A		1H-2M12G	1H-2M22G	
Parameters	Units	2 Form A		Test Conditions
Coil Specifications				
Nominal Coil Voltage	VDC	5.0	12.0	±10% @ 20°C @ 20°C @ 20°C
Coil Resistance	Ω	150	500	
Operate Voltage	VDC Max	3.75	8.8	
Release Voltage	VDC Min	0.7	1.2	
Contact Ratings				
Switching Voltage	Volts	100		Max DC/Peak AC resistance Max DC/Peak AC resistance Max DC/Peak AC resistance(@ 30°C) Max DC/Peak AC resistance @ 1V 10mA Max initial @ operate voltage Max initial @ operate voltage
Switching Current	Amps	0.5		
Carry Current	Amps	1.0		
Contact Rating	Watts	10		
Life Expectancy	x10 ⁶ Cycle	300		
Contact Resistance	mΩ	150		
Contact Resistance Stability	mΩ	5.0		
Relay Specifications				
Insulation Resistance	Ω Min	10 ¹²		Between all isolated pins @ 100V 20°C 65%RH
Dielectric Strength (Static)	VDC Min	200		Between contacts
	VDC Min	1500		Contacts to shield
	VDC Min	1500		Contacts/Shield to coil
Operate Time (Including Bounce)	msec Max	0.5		@ nominal coil voltage 100 Hz square wave
Release Time	msec Max	0.5		Diode suppression
Measurement Reference Conditions			Environmental Ratings	
Temp: 15°C to 35°C Humidity: 25% to 75%RH Atmospheric Pressure: 860 to 1060hpa			Storage temp: -40°C to +85°C Operate temp: -20°C to +80°C Vibration: 20G's to 2000Hz Shock: 50G's Processing temp: 260°C max for 60sec. dwell time	

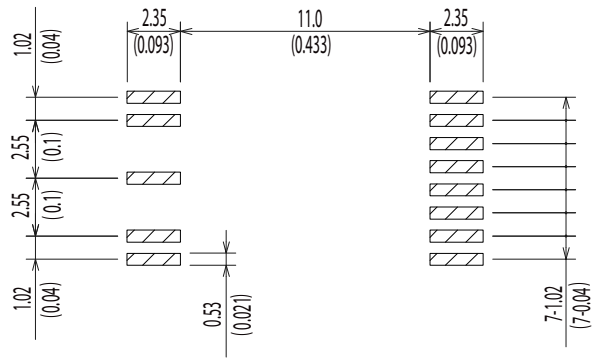
Dimensions All Dimensions are mm (inch)



Schematic <Top View>



Land Pattern Recommendation



-Operate Information-

Contact	Coil
pin4 and pin13 ON	pin1 and pin15 impress current
pin4 and pin10 ON	pin7 and pin 8 impress current