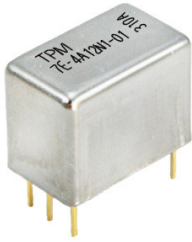


7E 4 Form A Series

PCB Mount



PRODUCT DESCRIPTIONS

The 7E 4 form A series is a miniature PCB Through Hole relay, which comes in 4 form A configuration and provides high density mounting capability. It is suitable for probe card and instrumentation in IC manufacture.

SPECIFICATIONS



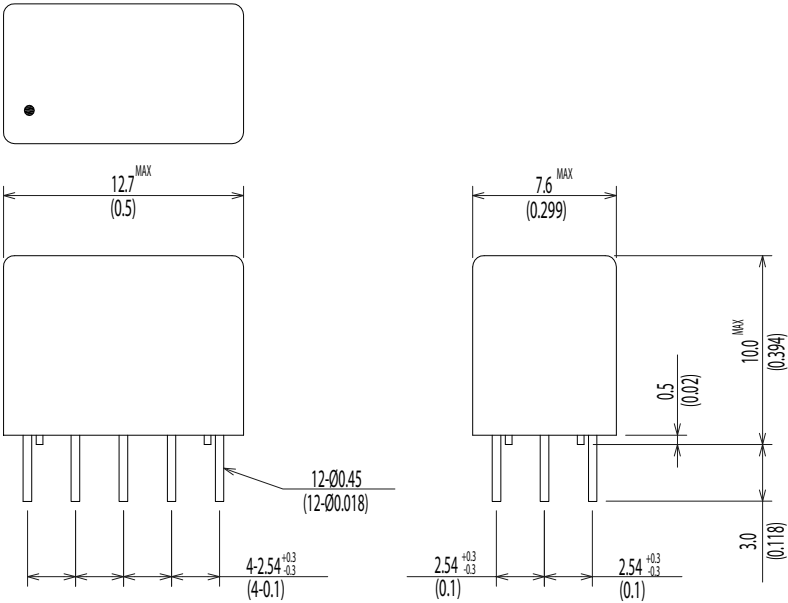
7E 4 Form A Series		7E-4A□2N1-01		
Parameters	Units	4 Form A		Test Conditions
Coil Specifications				
Nominal Coil Voltage	VDC	5.0	12.0	±10% @ 20°C @ 20°C @ 20°C
Coil Resistance	Ω	150	600	
Operate Voltage	VDC Max	3.75	8.8	
Release Voltage	VDC Min	0.7	1.2	
Contact Ratings				
Switching Voltage	Volts	100		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		
Relay Specifications				
Insulation Resistance	Ω Min	10 ¹¹		Between all isolated pins @ 100V 20°C 65%RH
Dielectric Strength (Static)	VDC Min	200		Between contacts
	VDC Min	250		Contacts to shield
	VDC Min	250		Contacts to coil
	VDC Min	250		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	

Ordering Code:

7E-4A□2N1-01

□=1 (5.0VDC), 2(12.0VDC)

Dimensions All Dimensions are mm (inch)



Schematic <Top View>

