



Relays & Solenoids

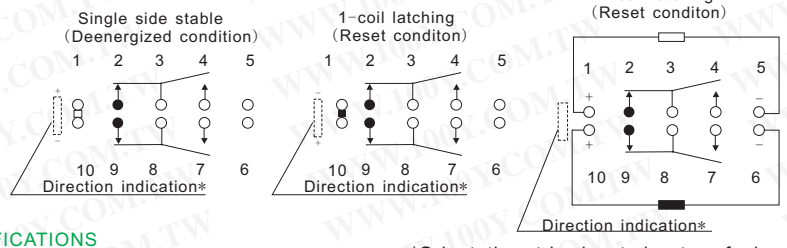
Detailed product specifications are available on: us.100y.com.tw

NAIS_PCB Relays



- FEATURES**
- Small size for minimal PC board mounting requirements
 - Small header area makes higher den-sity mounting possible
 - High sensitivity: 140 mW nominal op-erating power (single side stable 3-12 V type)
 - Surge voltage withstand: 1500 V FCC Part 68
 - Sealed construction allows automatic cleaning
 - Self-clinching terminal also available

Schematic (Bottom view)



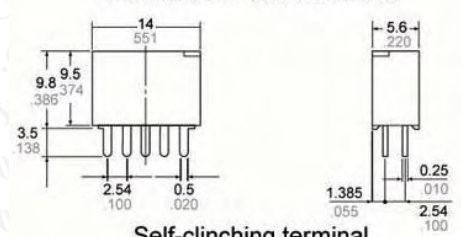
*Orientation stripe located on top of relay

SPECIFICATIONS

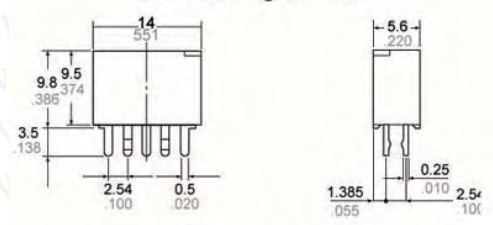
Contact		2 Form C
Arrangement		2 Form C
Initial contact resistance, max. (By voltage drop 6 V DC 1A)		60 mΩ
Contact material		Gold-clad silver
Rating	Nominal switching capacity (resistive load)	1 A 30 V DC, 0.5 A 125 V AC
	Max. switching power (resistive load)	30 W, 62.5 VA
	Max. switching voltage	110 V DC, 125 V AC
	Max. switching current	1 A
	Min. switching capacity * 1	10 μA 10 mV DC



Standard PC board terminal



Self-clinching terminal



General tolerance: ±0.3 ±0.12

Characteristics

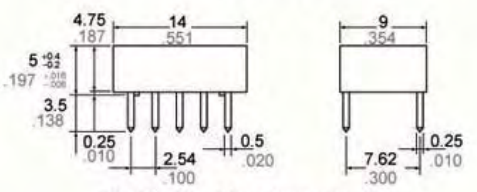
Initial insulation resistance* 1	Functional* 5	Min. 1,000 MΩ (at 500 V DC)
Shock resistance	Functional* 5	Min. 490 m/s ² {50G}
	Destructive* 6	Min. 980 m/s ² {100G}
Vibration resistance	Functional* 7	176.4 m/s ² {18G}, 10 to 55 Hz at double amplitude of 3 mm
	Destructive	294 m/s ² {30G}, 10 to 55 Hz at double amplitude of 5 mm
Unit weight	Approx. 1.5 g .053 oz	

Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Outline L*W*H	Type
28313	TN2-12V	NAIS	NAIS_Slim Polarized Relay	2 Form C	1A/30Vdc, 0.5A/125Vac	12Vdc	14*5.6*9.5mm	TN-Relays
36745	TN2-24V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	24Vdc	14*5.6*9.8	TN Series
36732	TN2-3V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	3Vdc	14*5.6*9.8	TN Series
36739	TN2-4.5V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	4.5Vdc	14*5.6*9.8	TN Series
36746	TN2-48V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	48Vdc	14*5.6*9.8	TN Series
41212	TN2-5V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	5Vdc	14*5.6*9.8	TN Series
20581	TN2-5V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	5Vdc	14*5.6*9.8	TN Series
36740	TN2-6V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	6Vdc	14*5.6*9.8	TN Series
36744	TN2-9V	NAIS	SLIM POLARIZED RELAY	DPDT	30Vdc/125Vac	9Vdc	14*5.6*9.8	TN Series

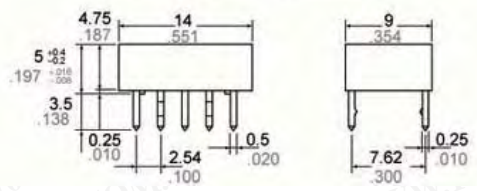


- FEATURES**
- High sensitivity:
2 Form C: 140 mW power consumption (single side stable type)
4 Form C: 280 mW power consumption (single side stable type)
 - Surge voltage withstand: 1500 V FCC Part 68
 - Sealed construction allows automatic washing
 - Self-clinching terminal also available
 - M.B.B. contact types available

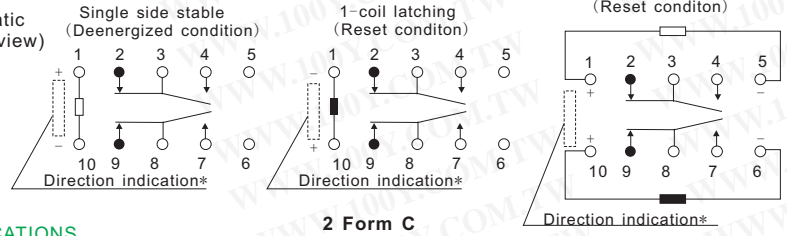
2 Form C Standard PC board terminal



Self-clinching terminal



Schematic (Bottom view)



*Orientation stripe typical-located on top of relay

SPECIFICATIONS

Contact		Standard (B.B.M) type
Arrangement		2 Form C
Initial contact resistance, max. (By voltage drop 6 V DC 1A)		50 mΩ
Contact material		Gold-clad silver
Rating	Nominal switching capacity (resistive load)	1 A 30 V DC 0.5 A 125 V AC
	Max. switching power (resistive load)	30 W, 62.5 VA
	Max. switching voltage	110 V DC, 125 V AC
	Max. switching current	1 A
	Min. switching capacity* 1	10 μA 10 mV DC

Characteristics

Initial insulation resistance* 1	Standard (B.B.M) type	Min. 1,000 MΩ (at 500 V DC)
Shock resistance	Functional* 5	Min. 490 m/s ² {50G}
	Destructive* 6	Min. 980 m/s ² {100G}
Vibration resistance	Functional* 7	176.4 m/s ² {18G}, 10 to 55 Hz at double amplitude of 3 mm
	Destructive	294 m/s ² {30G}, 10 to 55 Hz at double amplitude of 5 mm
Unit weight	2 Form C:	Approx. 1.5 g .053 oz

Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Outline L*W*H	Type
28066	TQ2-12V	NAIS	PCB Relay	2c,4c	30VDC/1A	12V	UL,CSA	14*9*5	TQ2



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