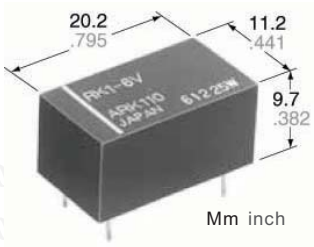
NAIS_PCB Relays

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



FEATURES

- **Excellent high frequency characteristics (Impedance 75Ω)**
  Isolation: Min. 60dB (at 1.5 Ghz)
  Insertion loss: Max. 0.2dB (at 900 Mhz)
- **V.S.W.R.: Max. 1.2 (at 900MHz)**
- **High sensitivity in small size**
  Size: 20.2 × 11.2 × 9.7 mm .795 × .441 × .382 inch
  Nominal power consumption: 200 mW (single side stable type)
- **Sealed construction for automatic cleaning**
- **Latching types are also available**

TYPICAL APPLICATIONS

- **Audio visual equipment broadcast satellite tuners VCRs, CATVs, Tvs**
- **Communication equipment automobile telephones maritime telephones emergency and disaster prevention communications, PCM switches**
- **Instrumentation test equipment measuring equipment**

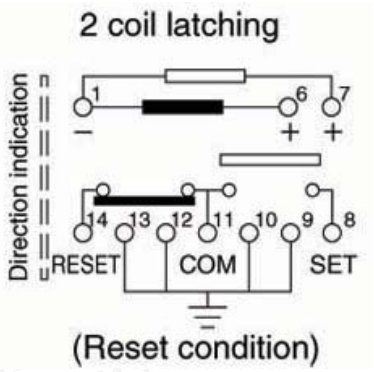
SPECIFICATIONS

Contact

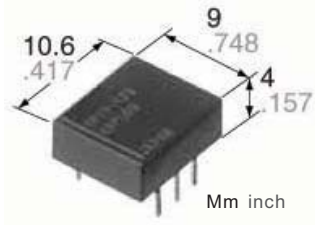
Arrangement		1 Form C
Contact material		Gold-clad
Initial contact resistance, max.(By voltage drop 10V DC 10mA)		100 mΩ
Rating	Max. switching power	10 W
	Max. switching voltage	30 V DC
	Max. switching current	0.5 A
	Nominal switching capacity	0.01 A 24 V DC 10 W (at 1.2 GHz, Impedance 50W)

Characteristics

Initial insulation resistance*1		Min. 100 MΩ at 500 V DC
Shock resistance	Functional*4	Min. 196 m/s² {20 G}
	Destructive*5	Min. 980 m/s² {100 G}
Vibration resistance	Functional*6	10 to 55 Hz at double amplitude of 3 mm
	Destructive	10 to 55 Hz at double amplitude of 5 mm
Unit weight		Approx. 4.4 g .155 oz



Part No.	Product No.	Manufacturer	Description	Coil Voltage	Type
47142	RK1R-L2-12V	NAIS	1.5 GHz MICROWAVE RELAY	12V	RK

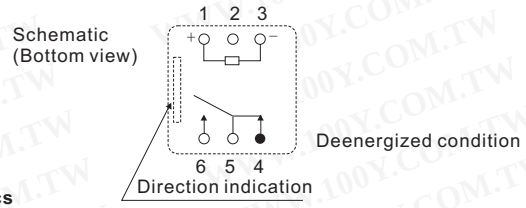


FEATURES

- **High frequency relay with the low profile of 4 mm .157 inch**
- **Excellent high frequency characteristics**
  Isolation: Min. 10dB (at 1.8 Ghz)
  Insertion loss: Max. 1.0dB (at 1.8 Ghz)
  V.S.W.R.: Max. 1.3 (at 1.8 Ghz)
- **High sensitivity in small size**
  Size: 10.6 × 9 × 4 mm .417 × .354 × .157 inch
  Nominal operating power: 140 mW
- **Utilizes tube package for automatic mounting.**
- **Self-clinching terminal also available**

TYPICAL APPLICATIONS

- Antenna switching of mobile phone
- Switching signal of measuring equipment
- All types of compact wireless devices



SPECIFICATIONS

Contact

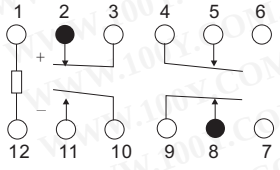
Arrangement		1 Form C
Contact material	Movable	Silver alloy
	Stationary	Gold-clad silver
Initial contact resistance, max.(By voltage drop 6 V DC 0.1 A)		50 mΩ
Rating	Nominal switch-ing capacity	0.1 A 30 V DC Contact switching power: 1 W(Max. 1.8 GHz); Contact carrying power: 3 W (Max. 1.2 Ghz) 1 W (Max. 1.8 Ghz)

Characteristics

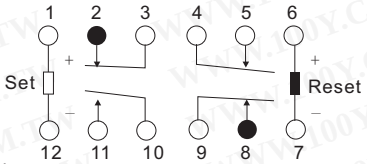
Max. operating speed (at rated load)		20 cpm
Initial insulation resistance*1		Min. 1,000 MΩ at 500 V DC
Initial breakdown voltage*2	Between open contacts	750 Vrms for 1 min.
	Between contacts and coil	1,500 Vrms for 1 min.
Shock resistance	Functional*4	Min. 500 m/s² {50 G}
	Destructive*5	Min. 1,000 m/s² {100 G}
Vibration resistance	Functional*6	10 to 55 Hz at double amplitude of 3 mm
	Destructive	10 to 55 Hz at double amplitude of 5 mm
Unit weight		Approx. 1 g .04 oz

Part No.	Product No.	Manufacturer	Description	Coil Voltage	Type
47148	RP1-H-12V	NAIS	LOW PROFILE HIGH FREQUENCY RELAY	12V	RP

Single side stable
(De-energizer position)



2 Coil latching
"Reset" position when reset coil is energized with indicated polarity.



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Part Description:
Polarized high density relay, 2 pole single throw circuit, 24 VDC coil voltage, contact current rating AC 4 A , 125/250 VAC, contact current rating DC 3 A , 30 VDC, printed circuit board mounting, general relay

Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Qutline L*W*H	Type
17934	S2EB-24DC	NAIS	PCB Relays	2A2B	4A/20HP125,250VAC 3A30VDC	24VDC	UL,CSA	27*12*9.5mm	S2EB