

# General Purpose DIP and Transfer Type (1c · Dry Reed Relay)

DIP-1T-※※(D)(S)(N)

## Parts Number · Feature

### ● DIP-1T-※※(D)(S)(N)

Coil Voltage

D : with Diode  
S : with Electrostatic shield  
N : with Magnetic shield

<Precaution about 24V Products>

DIP-1T-24S

DIP-1T-24DS

DIP-1T-24SN

DIP-1T-24DSN

24V products are only available with S type.

24V products without S type are discontinued.

- Dual-In-Line package type of IC14-pin size, it is compact, lightweight and easy to mount.
- 1 Form c (Transfer) type

## Performance

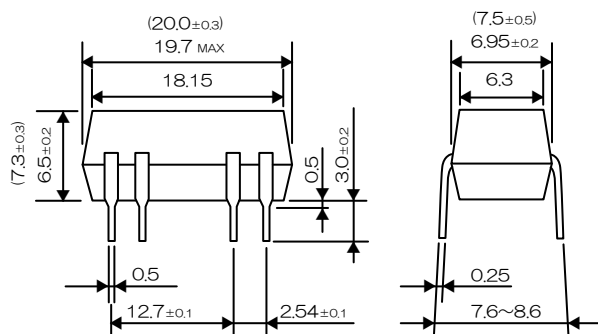
| Specifications                           | Item                        | Standard   |
|--|-----------------------------|--|
| Contact Specifications                   | Contact Form                | 1c (Transfer)  |
|  | Contact Rating              | 3W   |
|  | Max. Switching Voltage      | DC.30V   |
|  | Max. Switching Current      | 0.1A   |
|  | Max. Carry Current          | 0.5A   |
|  | Contact Resistance          | 150mΩ MAX.(Initial)  |
| Electrical Specifications                | Breakdown Voltage           | Open contacts DC.200V, Between each Conductors DC.1000V (1min)               |
|  | Insulation Resistance       | $1 \times 10^{10} \Omega$ MIN. (DC.100V)                                     |
|  | Capacitance                 | Open contacts 2.5pF TYP., with S 1.5pF MAX. (Connect 9pin terminal to earth) |
|  | Thermal Electromotive Force | 40μV TYP.  |
|  | Operate Time                | (include bounce) 1.2msec MAX.(at Nominal Voltage)                            |
|  | Release Time                | (include bounce) 1.8msec MAX.(at Nominal Voltage)                            |
| Mechanical Specifications                | Vibration                   | 20G (0~2kHz,1.5mm)   |
|  | Shock                       | 30G (11mS,1/2 sine wave)   |
| Environment                              | Operating Temperature       | -10°C~+60°C  |
| Life Expectancy                          | Mechanical                  | $5 \times 10^7$ Operations MIN.  |
|  | Electrical                  | DC.10mV-10μA $5 \times 10^7$ Operations MIN.(R.L.)                           |
| Please contact us for service life data. |                             |  |

## Coil Specifications

| Parts Number      | Normal Voltage<br>DC.±10%[V] | Coil Resistance<br>±10%[Ω]at20°C | Normal Current<br>[mA] | Must Operate Voltage<br>MAX.[V]at20°C |
|-------------------|------------------------------|----------------------------------|------------------------|---------------------------------------|
| DIP-1T-24(D,S,N)※ | 24                           | 1,750                            | 13.7                   | 16.8                                  |
| DIP-1T-12(D,S,N)  | 12                           | 400                              | 30.0                   | 8.4                                   |
| DIP-1T-05(D,S,N)  | 5                            | 200                              | 25.0                   | 3.8                                   |

※ : 24V products without S type are discontinued.

## Dimensions / Terminal Identification (Unit : mm)



( ) : Dimension of N type  
with magnetic shield

Weight approximately 2.2gr.  
N type approximately 3.1gr.

## TOP VIEW

