O/E/N 52

DIP REED RELAY

- Dual - in - line Package
- Epoxy Moulded Relay
- High Sensitivity
- Direct PCB type

SPECIFICATIONS

Contact Arrangement A, 1 Form C	:	1 Form
Contact Rating	**: 1 Form A,**	**1 Form C**
Maxm. Wattage	: 10W,	3W
Maxm. Voltage	: 100V DC	28 V DC
Maxm. Current Carrying	: 1A	1A
Maxm. Current Switching	: 0.25 A	0.25A
Dielectric with standing voltage		
Across contacts (VRMS)	: 250,	150
Contacts to coil (VRMS)	: 500,	500
Capacitance		
Across contacts (Typical)	: 0.2 PF	3.5 PF
Contacts to coil (Typical)	: 2.0 PF	6.0 PF
Insulation Resistance (Ohms)	: 10^9	3×10^8
Operate Time (milli sec.) (Including Bounce)	: 0.5	1.5.
Release time (milli sec.)	: 0.35	1.5.
When Suppressor diode used (milli sec.)	: 0.50	1.7
Contact Resistance	: 150m Ohms Max. (Initial)	
Life Expectancy	: Full load - 10^6 Ops	
	Signal load - 10^7 Ops	
Temperature Range	: -40^0 C to $+85^0$ C	
Shock	: 50Gs. 8 Ms ± 1Ms	
Vibration	: 10-2000 HZ 20Gs.	
	OR 3.2 MM (0.125")	
	Displacement	
Recommended Soldering		
Temperature	: 270^0 C Max.	
Recommended Soldering		
Duration	: 5 Sec. Max.	

Typical applications

Telecommunication Equipments, Office Automation, Security Equipments, Measuring Instruments.

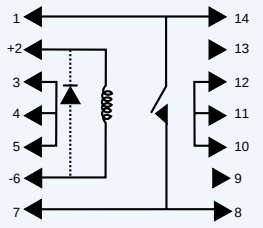
All dimensions are in mm. Specifications subject to change without notice.

COIL DATA

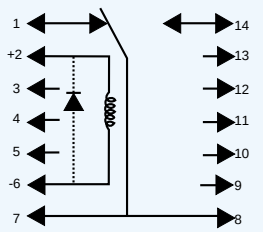
Nominal Voltage VDC	Maximum Voltage VDC	Pick-up Voltage VDC (Max)	Drop-out Voltage VDC (Min)	Coil Resistance Ohms ± 10% 1 Form A	Coil Resistance Ohms ± 10% 1 Form C
05	7.5	4.0	0.5	200	80
12	15	8.0	1.2	500	450
15	19	11.5	1.5	900	700
24	32	18.0	2.4	2100	1200

CIRCUIT DIAGRAMS

(View From Top of the Relay)

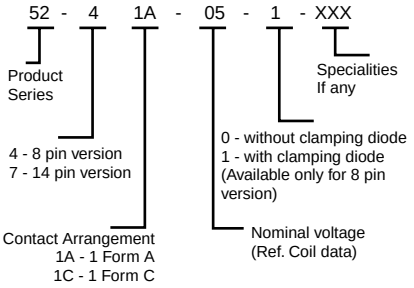


1 Form A

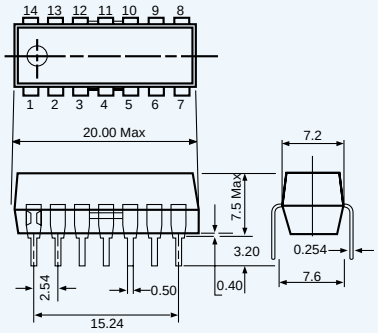


1 Form C

HOW TO ORDER

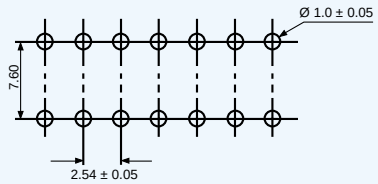


DIMENSIONS



For 8 pin version omit terminals 3,4,5,10,11 & 12

DRILLING PATTERN



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