



# Relays & Solenoids

## DIP PCB Reed Relays

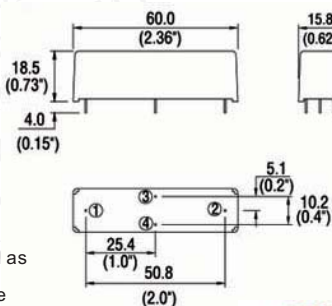
Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



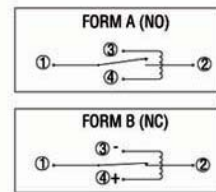
### D Series 15kV, 50W

Capable of withstanding voltages up to 15kV, the D-series High Voltage ReedRelay is suitable for high reliability applications such as cardiac defibrillators, test equipment and high voltage power supplies. Two contact materials are available for low contact resistance or power switching applications. Standard coil voltages of 5, 12 and 24 volts are available with form A and B contact configurations.

The D-series, range is now available with a new panel mounting option via nylon studs, as well as a choice of electrical connection methods (solder turret tag and flying lead) complementing the standard PCB 'through-hole' device. Choose the most appropriate device for your application using the part numbering system below.



### CIRCUIT DIAGRAMS (ALL VARIANTS)

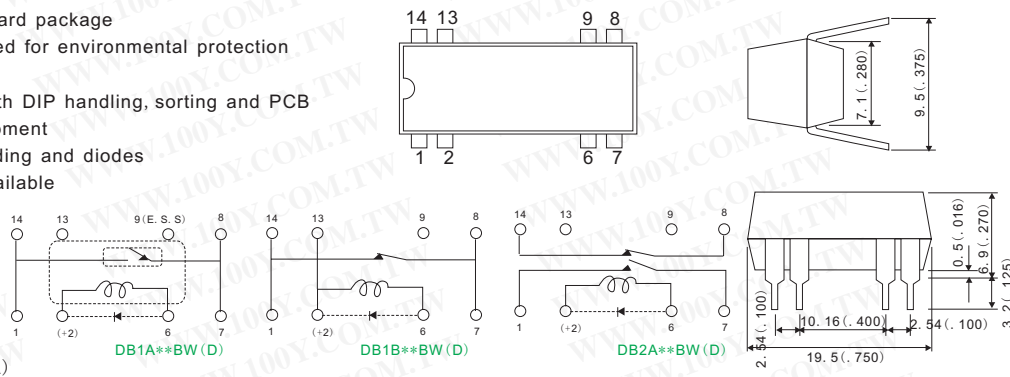


Part No.	Product No.	Manufacturer	Description	Coil Volt.
42870	DAT71215F	Crydom	D Series 15kV, 50W high voltage reed relays	12V
42871	DBT71210F	Crydom	D Series 10kV, 50W high voltage reed relays	12V

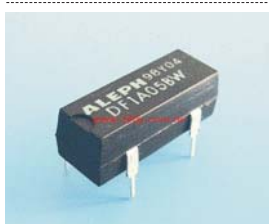


- Industry standard package
- Transfer molded for environmental protection
- Miniature size
- Compatible with DIP handling, sorting and PCB insertion equipment
- Optional shielding and diodes
- UL models available

Power (W) max. : 10  
 Voltage (VDC) max. : 200  
 Switching current (A) max. : 0.5  
 Carry current (A) max. : 1.0  
 Operate time (mS) max (incl. bounce) : 1.0  
 Release time (mS) max : 0.5  
 Electrical life: Low level: 10<sup>8</sup> (10mVDC, 10μA)  
 Rated load: 6x10<sup>5</sup> (20VDC, 0.5A)

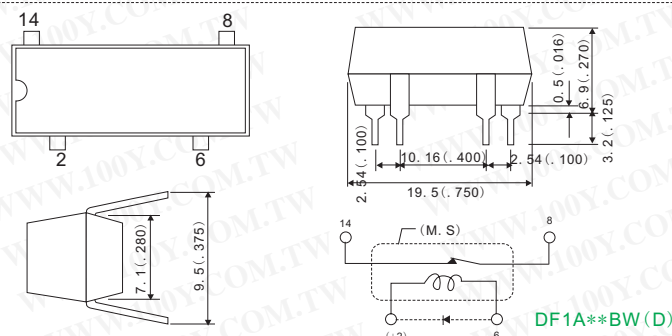


Part No.	Product No.	Description	L*W*H(mm)	Contact Type	Carry current (A)	Coil Volt.	Safe criterion
29335	DB1A12BW	ALPEH_DIP PCB Reed Relays	19.5*7.1*6.9(mm)	1 Form A	1A	12V	UL
29338	DB1A24BW	DIP PCB Reed Relay	19.5*7.1*6.9(mm)	1 Form A	1.0A	24V	UL
29337	DB1B05BW	DIP PCB Reed Relay	19.5*7.1*6.9(mm)	1 Form B	1.0A	5V	UL
29339	DB1B12BW	DIP PCB Reed Relay	19.5*7.1*6.9(mm)	1 Form B	1.0A	12V	UL
29343	DB1B24BW	DIP PCB Reed Relay	19.5*7.1*6.9(mm)	1 Form B	1.0A	24V	UL
29341	DB2A05BW	DIP PCB Reed Relay	19.5*7.1*6.9(mm)	2 Form A	1.0A	5V	UL
29342	DB2A24BW	DIP PCB Reed Relay	19.5*7.1*6.9(mm)	2 Form A	1.0A	24V	UL



- Industry standard package
- Transfer molded for environmental protection
- Miniature size
- Compatible with DIP handling, sorting and PCB insertion equipment
- Optional shielding and diodes
- UL models available

Power (W) max. : 10  
 Voltage (VDC) max. : 200  
 Switching current (A) max. : 0.5  
 Carry current (A) max. : 1.0  
 Operate time (mS) max (incl. bounce) : 1.0  
 Release time (mS) max : 0.5  
 Electrical life: Low level: 10<sup>8</sup> (10mVDC, 10μA)  
 Rated load: 6x10<sup>5</sup> (20VDC, 0.5A)



Part No.	Product No.	Description	L*W*H(mm)	Contact Type	Carry current (A)	Coil Volt.	Safe criterion
29344	DF1A05BW	DIP PCB Reed Relay	19.5*7.1*6.9(mm)	1 Form A	1.0A	5V	UL

- We provide a wide range of products to development and maintenance engineers in all type of business
- If you cannot find the components you want on the catalogue, please call us.



Taiwan: 886-3-5753170  
 Shanghai: 021-54151736 Shenzhen: 0755-83298787

## Centenary Materials

Waiting for your phone call



T E L : Taiwan: 886-3-5753170  
 F A X : Taiwan: 886-3-5753172  
 E-mail : Taiwan: us\_sale@100y.com.tw

Shenzhen: 86-755-83298787  
 Shenzhen: 86-755-83640655  
 Shenzhen: 100y@163.com

Shanghai: 86-21-54151736  
 Shanghai: 86-21-64605107  
 Shanghai: 100y-1@163.com