

ECG® Relays and Accessories

Series F7 (DC)

PC Mountable, Multicon- tact, DIP (Reed) Relays

- TTL Compatible
- Input/Output Isolation Applications
- Diode Protection (C-Suffix)
- Shock And Vibration Resistant
- Socketable

HD550015-A = RLYF71B05C
NORMALLY CLOSED 5-6 VDC

Series F7 Ratings (DC Input)

ECG Type	Coil				Contacts				Fig. No.
	Input Voltage VDC	Typ. Res. Ohms	Pull-In Voltage VDC	Release Voltage VDC	Typ. Pull-In Time μSec	Typ. Release Time μSec	Arrang.	Max. Curr. 28 VDC mA	
RLYF71A05	5-6	500	3.8	.8	330	75	SPST	500	R2
RLYF71A05C	5-6	500	3.8	.8	330	150	SPST	500	R2
RLYF71A12	12	1.2K	9.0	1	330	75	SPST	500	R2
RLYF71A12C	12	1.2K	9.0	1	330	150	SPST	500	R2
RLYF71A24	24	2.2K	18.0	2	330	75	SPST	500	R2
RLYF71A24C	24	2.2K	18.0	2	330	150	SPST	500	R2
RLYF71B05	5-6	500	3.8	.8	400	75	SPST NC	500	R2
RLYF71B05C*	5-6	500	3.8	.8	400	150	SPST NC	500	R2
RLYF71B12	12	1.2K	9.0	1	400	75	SPST NC	500	R2
RLYF71B12C	12	1.2K	9.0	1	400	150	SPST NC	500	R2
RLYF71B24	24	2.2K	18.0	2	400	75	SPST NC	500	R2
RLYF71B24C	24	2.2K	18.0	2	400	150	SPST NC	500	R2
RLYF71C05	5-6	200	3.8	.8	500	150	SPDT	250	R2
RLYF71C05C	5-6	200	3.8	.8	500	250	SPDT	250	R2
RLYF71C12	12	500	9.0	1	500	150	SPDT	250	R2
RLYF71C12C	12	500	9.0	1	500	250	SPDT	250	R2
RLYF71C24	24	2.2K	18.0	2	500	150	SPDT	250	R2
RLYF71C24C	24	2.2K	18.0	2	500	250	SPDT	250	R2
RLYF72A05	5-6	200	3.8	.5	500	500	DPST	500	R2
RLYF72A05C	5-6	200	3.8	.5	500	500	DPST	500	R2
RLYF72A12	12	500	8.0	1.0	500	500	DPST	500	R2
RLYF72A12C	12	500	8.0	1.0	500	500	DPST	500	R2
RLYF72A24	24	1750	16.0	2.0	500	500	DPST	500	R2
RLYF72A24C	24	1750	16.0	2.0	500	500	DPST	500	R2

Contact Ratings

Power 10 W
Voltage 200 VDC
Current
Carry 2X Rated Contact Current

Duty Continuous

Expected Life

Electrical 10 Million Operations @ Rated Load
Mechanical 100 Million Operations

Operating Temperature -45°C to +85°C

Storage Temperature -55°C to +105°C

Initial Insulation Resistance 1,000 Megohms

Initial Breakdown Voltage

Between Open Contacts 250 VDC Min.
Between All Other Elements 1500 VDC Min.

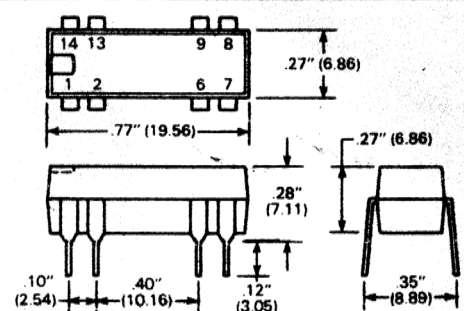
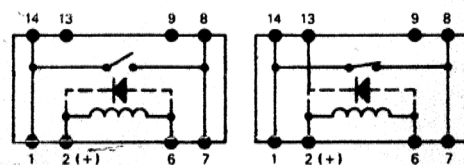


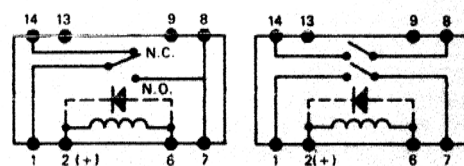
Fig. R2



SPST with Diode Protect
(C-Suffix Only)
Form 1A

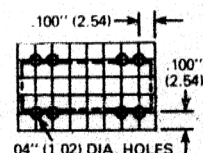
SPST-NC with Diode
Protect (C-Suffix Only)
Form 1B

Observe polarity, Pin 2
positive, or relay will
not function



SPDT with Diode Protect
(C-Suffix Only)
Form 1C

DPST with Diode Protect
(C-Suffix Only)
Form 2A



Printed Circuit Layout

Accessories — Sockets

Style	Description	Relay Contact Arrang.	Socket Type No.
DIP PC Mount Solder Terminals	14-Pin DIP	All	ECG409
Wire Wrap Terminals	14-Pin DIP	All	ECG436W14