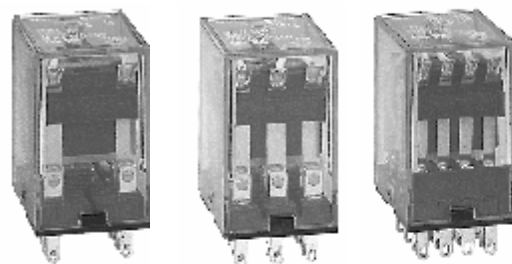


FEATURES

- UL ,CE & CQC safety approval.
- 2 Pole to 4 Pole are prepared with switching current of 7A (2 pole, 3 pole) and 5A (4 pole).
- PCB terminal and Socket terminal are selectable, and for direct panel mount, flange case type is available.
- Nominal power 900mW & AC 1.2VA.
- Operating power 510mW.
- Either with or without lamp is optional for AC & DC coil.
- Low coil power consumption with high response time.



UL FILE NO: E162117/E188367

CQC FILE NO: CQC04001009878

CE DECLARATIN OF CONFORMITY

CONTACT RATINGS

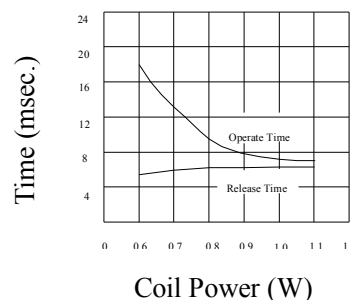
- Contact Arrangement
2 Form C (DPDT); 3 Form C (3PDT); 4 Form C (4PDT)
- Max. Switching Power
2 Form C/3 Form C.....1750VA 210W
4 Form C1250VA 150W
- Max. Switching Voltage.....250VAC 30VDC
- Max. Switching Current
2 Form C/3 Form C7A ; 4 Form C5A
- Contact Resistance..... $\leq 100\text{m}\Omega$
- Rating Load
2 Form C/3 Form C.....7A/250VAC 7A/30VDC
4 Form C.....5A/250VAC 5A/30VDC
- Contact MaterialAg Alloy

CHARACTERISTICS

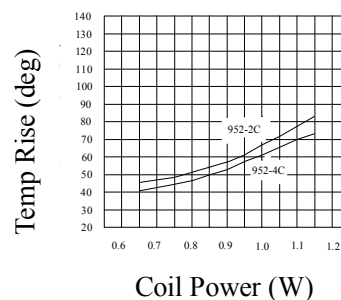
- Electrical Life..... 1×10^5
- Mechanical Life..... 1×10^7
- Initial Insulation Resistance.....Min. 100M Ω 500VDC
- Contact Resistance (Initial)..... $\leq 100\text{m}\Omega$
- Operate Time..... $\leq 25\text{ms}$
- Release Time..... $\leq 25\text{ms}$
- Initial Dielectric Strength
.....50/60Hz 500VAC 1 min. (between open contacts)
.....50/60Hz 1500VAC 1 min. (between contacts and coil)
.....50/60Hz 1500VAC 1 min. (between contact sets)
- Vibration Resistance
.....Malfunction: 10 to 55Hz at Double Amplitude of 1.5mm
.....Destructive: 10 to 55Hz at Double Amplitude of 1.5mm

952 Referential Data

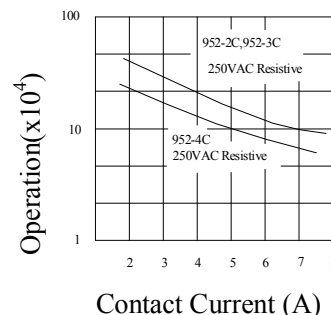
Timing



Coil Temperature Rise



Life Curves



- Shock Resistance.....Malfunction: 10G (11ms) / Destructive: 100G (6ms)
- Ambient Temperature.....-25℃ ~ +55℃
- Relative Humidity.....85% at 40℃
- Unit Weight.....Approx. 35g

ORDERING INFORMATION

952 - 4C - 12 D P M L G - F
 1 2 3 4 5 6 7 8 9

Type of Insulation.....Nil = Class A ; F = Class F

Contact Type.....Nil = General Type ; G = Contact with Gold Plating

Optional.....Nil = General Type

.....L = With Lamp and Diode (DC Coil Type Only)

.....N = With Lamp ; B = With Push Button

.....T = With Lamp and Push Button

.....K = With Lamp and Diode and Push Button
(DC Coil Type Only)

Cover Type.....Nil = General Type ; M = Flange Top Type

.....S = Special Type ; E = Special Flange Top Type

Terminal Type.....Nil = Socket Terminal ; P = P.C.B. Terminal

Coil Type.....D: DC ; A: AC

Coil Voltage.....DC: 6~100V ; AC: 12~270V

Contact Arrangement.....2C = 2 Form C (DPDT) ; 3C = 3 Form C (3PDT)

.....4C = 4 Form C (4PDT)

Model Number.....952

COIL RATINGS (at 20℃)

COIL TYPE	Coil Nominal Voltage (V)	Coil Resistance ($\Omega \pm 10\%$)	Pick-Up Voltage (V) $\leq$	Drop-Out Voltage (V) $\geq$	Nominal Current (mA)
DC Coils	6	40	4.5	0.6	150
	12	160	9	1.2	75
	24	650	18	2.4	37
	48	2600	36	4.8	19
	100	11000	75	10	9
AC Coils	12	46	9	3.6	
	24	180	18	7.2	
	110	3750	82.5	33	
	120	4430	90	36	
	220	12950	165	66	
	240	18790	180	72	
	270	24150	202.5	81	

*Max Continuous Voltage at 20℃: 110% of Coil Nominal Voltage.

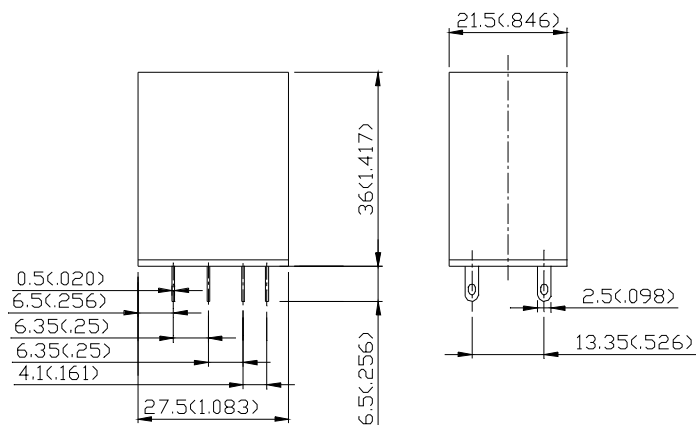
OUTLINE DIMENSIONS

GENERAL TYPE

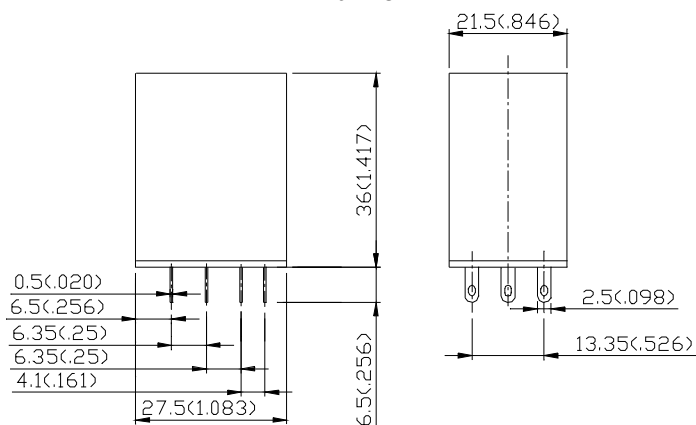
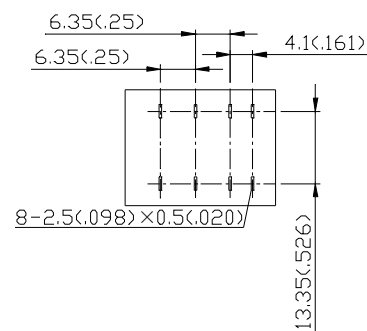
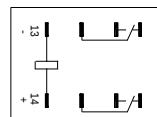
Dimensions

Internal Connections
(Bottom View)

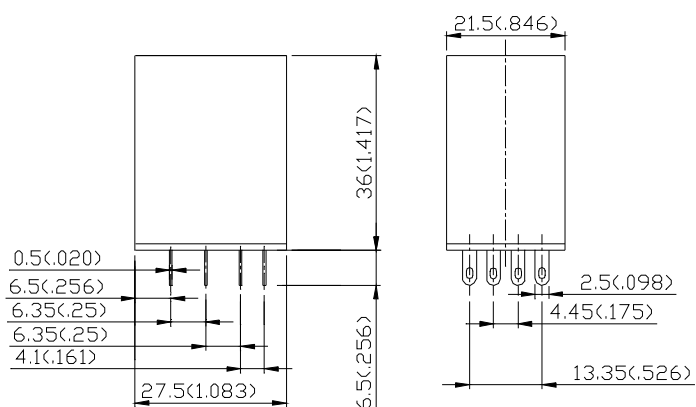
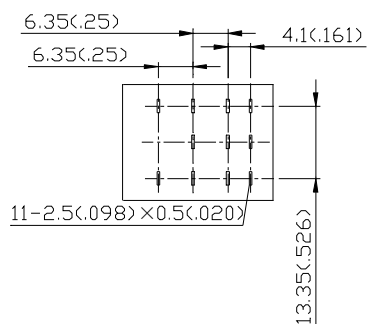
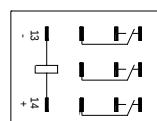
Drilling Plan
(Bottom View)



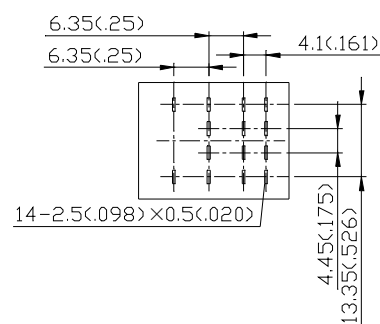
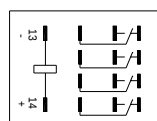
2 Form C



3 Form C



4 Form C



REMARK: 1.Tolerance of outline dimensions: $\pm 0.2(0.008)$.

2.The polarity of coil only applied for DL and DN type.

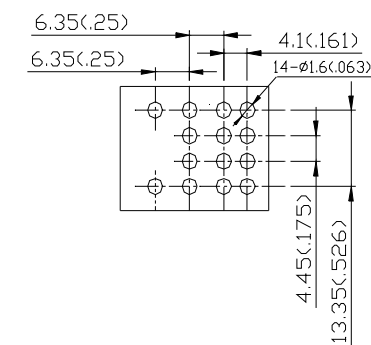
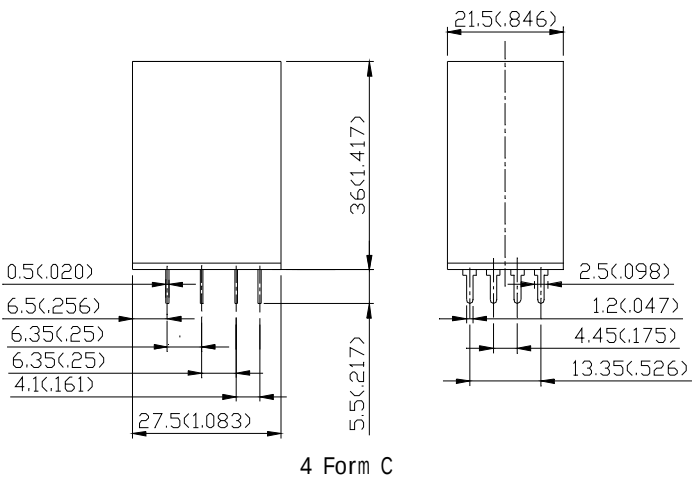
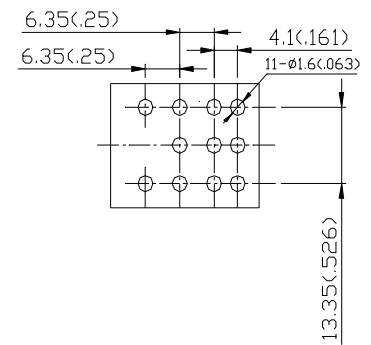
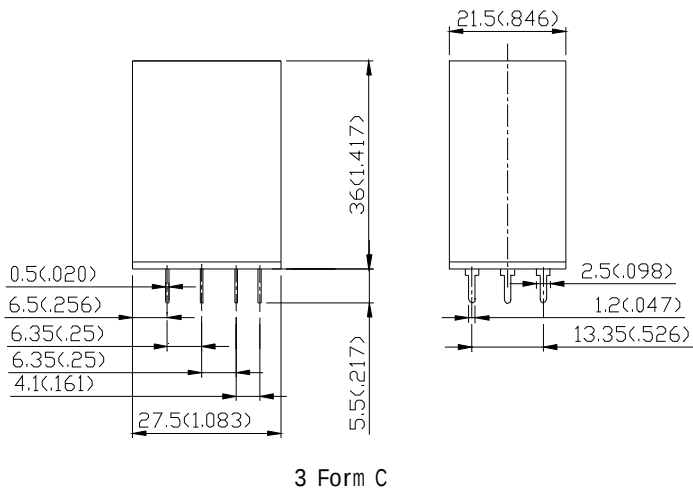
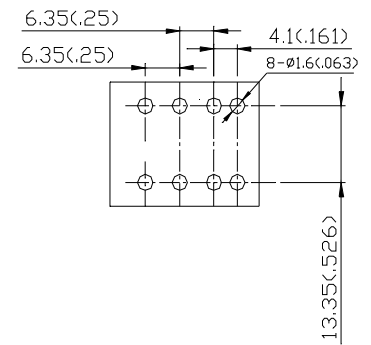
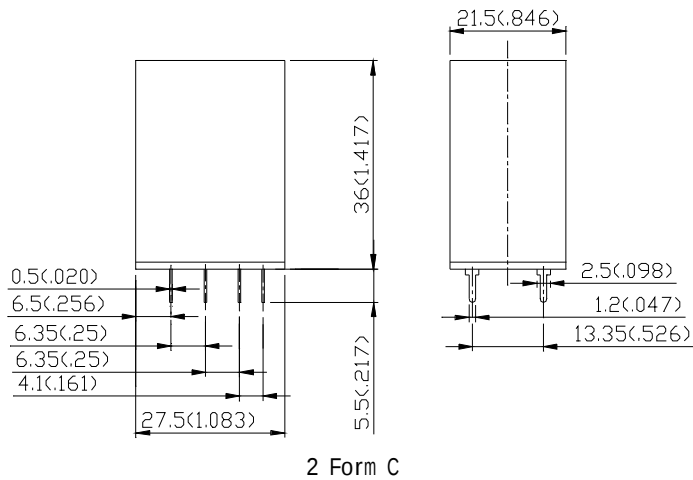
UNIT: mm (inch)

P.C.B TYPE

Dimensions

Internal Connections (Bottom View)

Drilling Plan (Bottom View)



REMARK:1.Tolerance of outline dimensions: $\pm 0.2(0.08)$.

2.The polarity of coil only applied for DPL and DPN type.

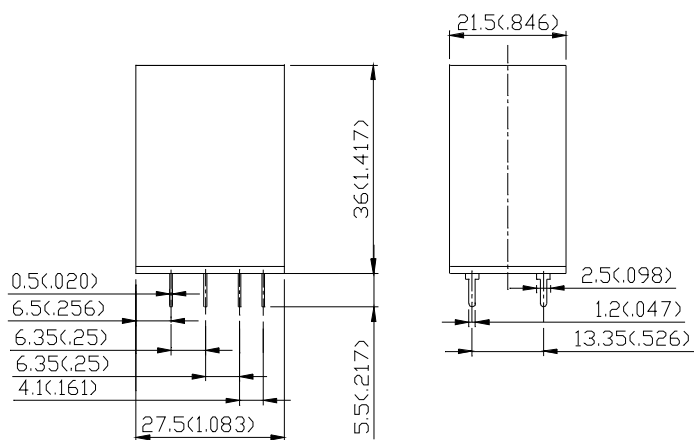
UNIT: mm (inch)

OUTLINE CONNECT TYPE

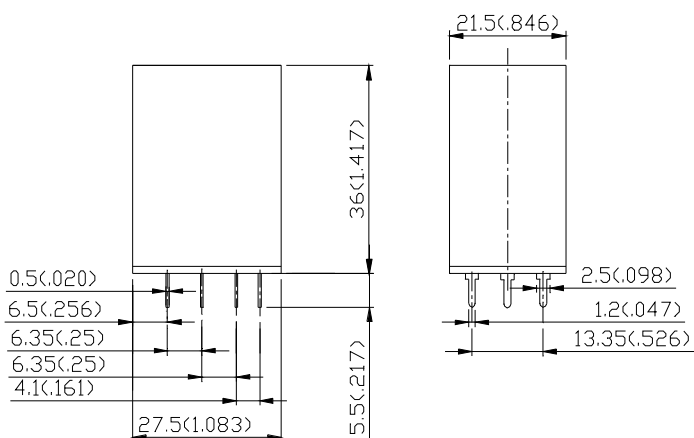
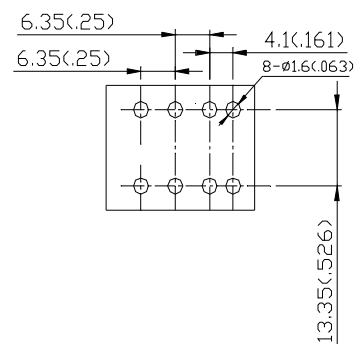
Dimensions

**Internal Connections
(Bottom View)**

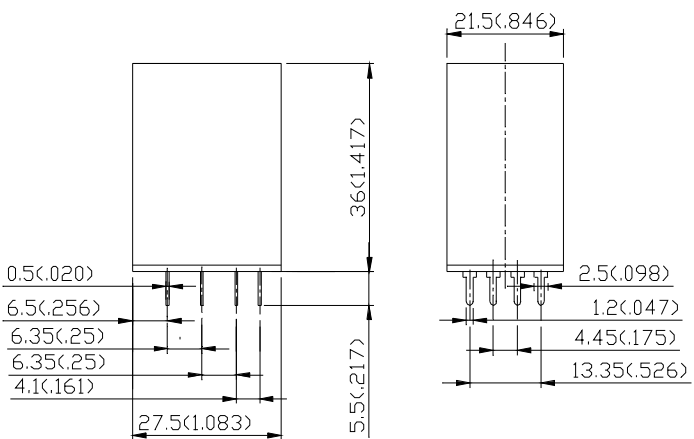
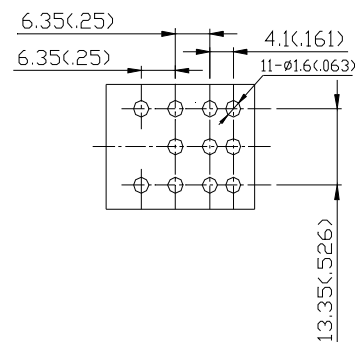
**Drilling Plan
(Bottom View)**



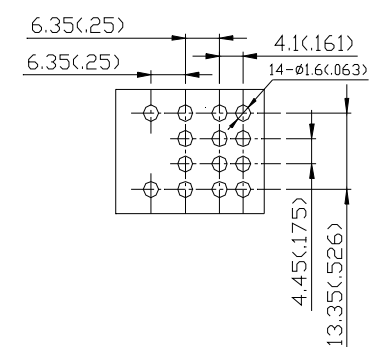
2 Form C



3 Form C



4 Form C



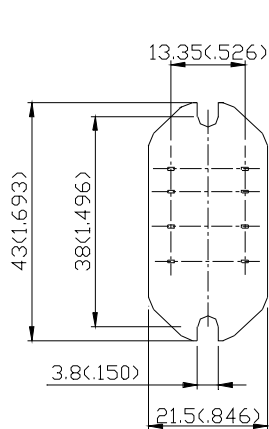
REMARK:1.Tolerance of outline dimensions: $\pm 0.2(.008)$.

2.The polarity of coil only applied for DL and DN type.

UNIT: mm (inch)

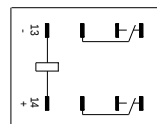
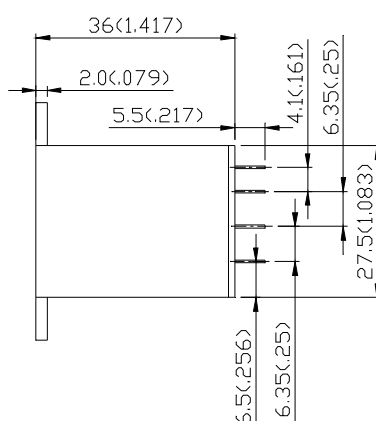
OUTLINE CONNECT P.C.B TYPE

Dimensions

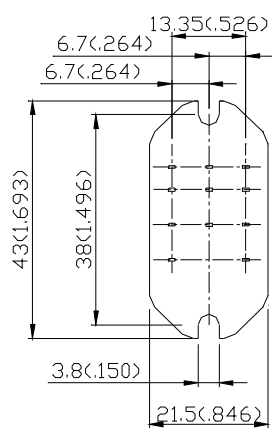
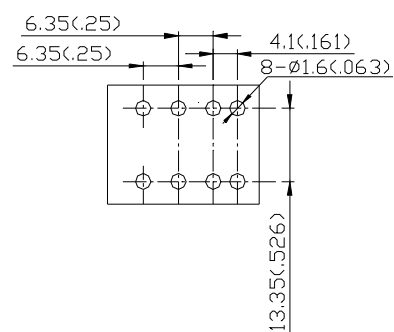


2 Form C

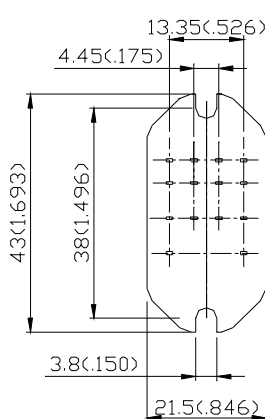
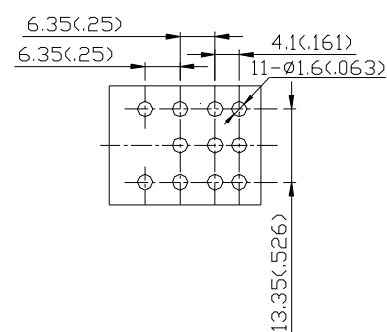
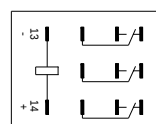
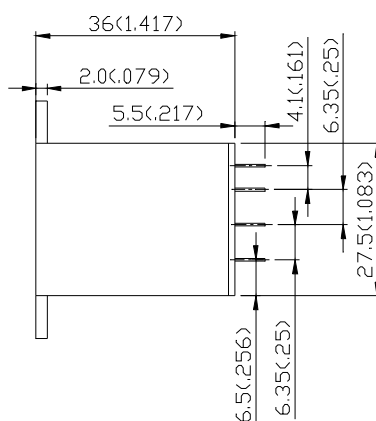
**Internal Connections
(Bottom View)**



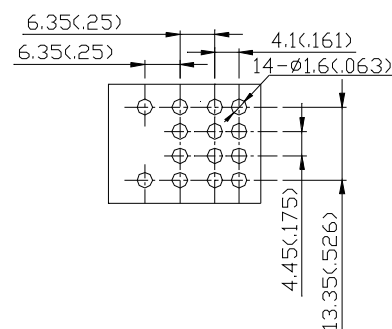
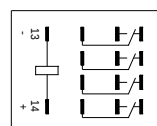
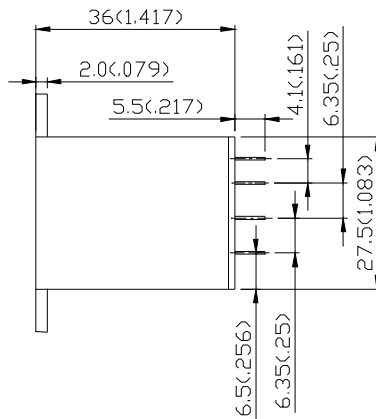
**Drilling Plan
(Bottom View)**



3 Form C



4 Form C



REMARK: 1.Tolerance of outline dimensions: $\pm 0.2(0.008)$.

2.The polarity of coil is only applied for DPL and DPN type.

UNIT: mm (inch)