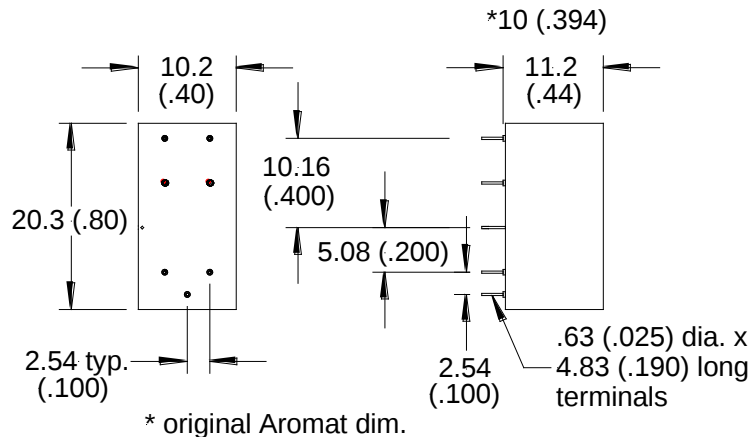


CC Inc.

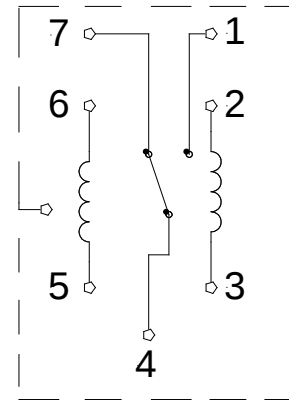
P/N: 400-746-24

Sketch: (not to scale)



Tolerances: .XXX = $\pm .010$
 .XX = $\pm .020$

Circuit Diagram: (bottom view)



Note: Applying voltage to 5(+) & 6(-) or 3(+) & 2(-) will switch and latch contact 4 to 7.
 Reversing polarity to either 2 & 3 or 5 & 6 will switch and latch contact 4 to 1.

Case:

Metal: X
 Plastic: —
 None: —

Terminals:

Diameter .025
 Length .190
 Centers see drawing

Contact Specifications:

Maximum switching power 20 watts
 Minimum switching power 100 mV 10 μ A (typ.)
 Maximum switching current 0.3/1.0 amps ac/dc
 Maximum switching voltage 110/30 volts ac/dc
 Breakdown voltage 350 volts ac

Contact Configuration:

A — B — C 1 D —
 Mercury — Dry X

Other Contact Data:

Initial contact resistance: .06 ohm max.
 Contact material: Gold-clad silver

Electrostatic shield:

Yes: — No: X

Relay Specifications:

Coil resistance (+/- 10% @25°C) 2880 ohms
 Nominal coil voltage 24.0 vdc
 Maximum coil voltage 36.0 vdc
 Set voltage - max. 18.0 vdc
 Reset voltage - max. 18.0 vdc
 Dielectric coil/case 1000 vac
 coil/cont 1000 vac
 cont/cont 350 vac

Magnetic shield: Yes: X
 No: —

Adjustment: Single side stable: —
 Bi-stable: X

Other Relay Data:

Shock during 11 msec.: 50G max.
 Temp range: -40 to 65 C°
 Operate time: 3 ms max. (excluding contact bounce)
 Release time: 3 ms max. (excluding contact bounce and without diode)
 Contact bounce: 0.5 ms (typical)
 Life (min. operations):
 Mechanical: 100 million
 Electrical: (resistive): 5 million @ 0.25 A 30 VDC
 1 million @ 1.0 A 20 VDC

Equilalent to: Mfr. Aromat

P/N NR-HL2D-24V

Description: Half Size Latching Relay – One pole – Form C – 24 VDC

Prepared By: RGW

Date: 10/06/08

Customer: VARIOUS