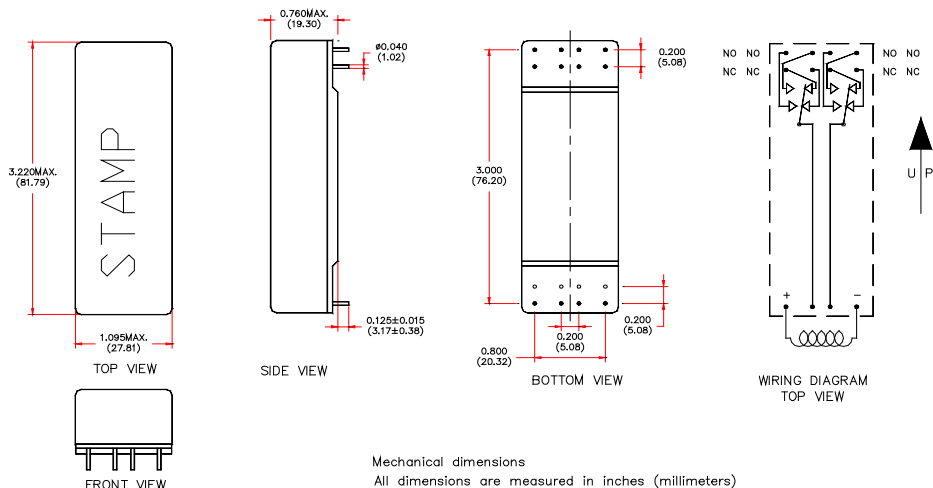


DATASHEET: MERCURY WETTED CONTACT RELAY - 2 FORM D



Parameter	Conditions	Symbol	Min	Typ	Max	Units
<u>Coil Specifications</u>						
Nominal Coil Voltage	+/- 10%, 25°C	I OP I REL	81 21	12	99 78	Volts
Coil Resistance				90		Ω
Operate Current						mA
Release Current						mA
<u>Contact Ratings</u>						
Switching Voltage	Max DC/Peak AC Resistive	VL			500	Volts
Switching Current	Max DC/Peak AC Resistive	IL			5	Amps
Carry Current	Max DC/Peak AC Resistive	IC			10	Amps
Contact Rating	Max DC/Peak AC Resistive				250	Watts
Life Expectancy	Signal Level 1.0V, 10mA			2000		x10 ⁶ Ops
	Rated Loads					x10 ⁶ Ops
Static Contact Resistance	50mV, 10mA	CR			0.030	Ω
Dynamic Contact Resistance	0.5V, 50mA at 100 Hz, 1.5msec	DCR		N/A		Ω
Contact Material				Hg		
<u>Relay Specifications</u>						
Insulation Resistance	Between all isolated pins at 100V, 25°C, 40%RH	IR	10 ⁷			Ω
Capacitance Across Open Contacts	Coil Floating			5		pF
Open Contact to Coil Capacitance				5.5		pF
Dielectric Strength	Between Contacts		1400			VDC/Peak AC
	Contacts/ Shield to Coil		1400			VDC/Peak AC
Operate Time, including bounce	At Nominal coil voltage, 100 Hz Square Wave	TOP		5		msec.
Release Time	Zener-Diode Suppression	TREL		4.7		msec.
<u>Environmental Ratings</u>						
Storage Temperature		TA	-65		105	°C
Operating Temperature		TO	-38		105	°C

SRCODEVICES

SRC de México S.A. de C.V.

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Drawer:

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Date:

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Approval:

R. Vera.

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