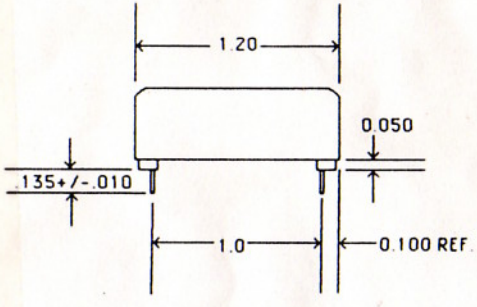
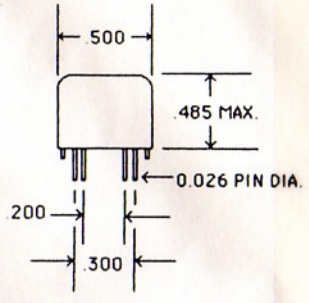
PART NO.
3500-0051

PARAMETER		TEST CONDITIONS	MIN.	NOM.	MAX.	UNITS
Coil Resistance			315	350	385	Ohms
Nom. Voltage				5.0		VDC
Must Operate					3.75	VDC
Must Release			0.4			VDC
Max. Switch Voltage		DC/Peak AC			200	Volts
Max. Switch Current		DC/Peak AC Resistive			0.500	Amps
Max. Carry Current		DC Peak AC			2.0	Amps
Max. Contact Rating		DC Resistive			10.0	Watts
Life Expectancy		At Signal Level		100		X10⁶ OPERATIONS
		At Rated Load	Consult Factory			X10⁶ OPERATIONS
Static Contact Resistance (Initial)		0.050 Volt, 10 mA Contact Load			0.100	Ohms
Dynamic Contact Resistance (Initial)		0.5 Volt, 50 mA Load 100 hz, 1.5 msec after coil energized			0.150	Ohms
Insulation Resistance		Between all isolated pins @ 100 V 25 deg. C. 40% relative humidity.	10^{12}			Ohms
Dielectric Strength (Minimum)	Between Contacts	DC/Peak AC Static Conditions	500			Volts
	Contacts to Shield					
	Contacts and Shield to Coil .	AC VRMS	1,000			Volts
Operating Time (Including Bounce)		At Nominal Voltage 30 hz Sq. wave		1.0		msec.
Released Time		Zener Diode Clamp Coil Suppression		0.1		msec.

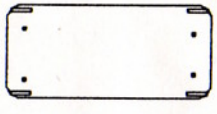
SIDE VIEW



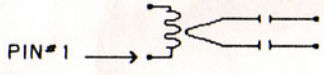
END VIEW



BOTTOM



SCHEMATIC
(BOTTOM VIEW)



BLACK DOT ON TOP DENOTES PIN #1.

ALL RELAYS ARE ENCAPSULATED IN A MAGNETICALLY SHIELDING STEEL SHELL THAT HAS BEEN COATED WITH A BRIGHT CHEMICALLY RESISTANT AND INSULATING EPOXY.

All parameters specified per EIA/NARM standard for dry relays No. RS-421 & RS-436. Specifications subject to change without notice. Unless otherwise noted, all parameters specified @ 25°C, 40% RH.

REVISION				
				H.P. P/N 0490-1555
DRAWN: T.J.	APPROVE:	DATE: 3/5/86	NAME: REED RELAY, 1 FORM A	
DECIMAL: ±.005	FRACTION: 1/32	SCALE: N/A	PART NO.: 3500-0051	
FOR: H.P. LID	COTO CORPORATION	55 Dupont Dr. Prov., RI		

67793