

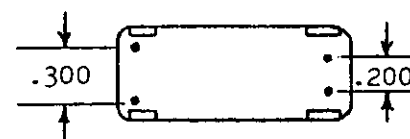
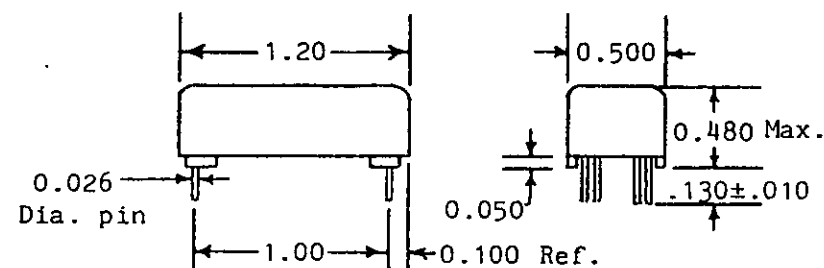
PARAMETER	TEST CONDITIONS	VALUE
Coil Resistance	Ohms +/- 10%	350 Ω
Norm. Voltage	Volts DC	5.0 V
Must Operate	Volts DC	3.75 V
Must Release	Volts DC	0.4 V
Max. Switch Voltage	DC/Peak AC	*400 V
Max. Switch Current	DC/Peak AC Resistive	0.25 A
Max. Carry Current		2.0 A
Max. Contact Rating	DC Resistive	5 Watts
Life Expectancy	At Signal Level	100×10^6 Oper.
	At Rated Load	N/A
Static Contact Resistance (Initial)	0.050 Volt, 10 mA Contact Load	0.150 Ω Max.
Dynamic Contact Resistance (Initial)	0.5 Volt, 50 mA Load 100 hz, 1.5 msec after coil energized	0.200 Ω Max.
Insulation Resistance	Between all isolated pins @ 100 V, 25 deg. C, 10% relative humidity.	$5 \times 10^{12} \Omega$
Open Contact Capacitance	Shield Floating	N/A
	Shield as Guard	N/A
Contact-to-Shield Capacitance	Contacts Open	N/A
	Shield & Coil shorted together	N/A
Dielectric Strength (Minimum)	Between Contacts	DC/Peak AC Static Conditions
	Contacts to Shield	500 V
	Contacts and Shield to Coil	AC VRMS
Operating Time (Including Bounce)	At Nominal Voltage 30 hz Sq. wave	1.0 msec. typ.
Released Time	Zener Diode Clamp Coil Suppression	0.1 msec. typ.

PART NO.

3500-0007

SIDE VIEW

END VIEW



BOTTOM VIEW

SCHEMATIC BOTTOM VIEW

All relays are encapsulated in a magnetically shielding, steel shell that has been coated with a bright chemically resistant and insulating epoxy.

NOTES:

*100 K Ω resistive load.



Thermal E.M.F. at 5.0 V, after five minutes: 10 μ V max.

Relay to be marked:

0490-1309

COTO D/C

All parameters specified per EIA/NARM standard for dry reed relays No. RS-421 & RS-436. Specifications subject to change without notice.

A 6/9/83 Chg'd car- ry I (was 1.0 A)	REVISION				REF. PART NO.: 0490-1309
		DRAWN: 	APPROVE: 	DATE: 6-1-83	NAME: Reed Relay
		DECIMAL: ±.005	FRACTION: 1/32	SCALE: N/A	PART NO.: 3500-0007
		FOR: Hewlett Packard			COTO CORPORATION
					65 PAVILION AVE., PROV. R. I.