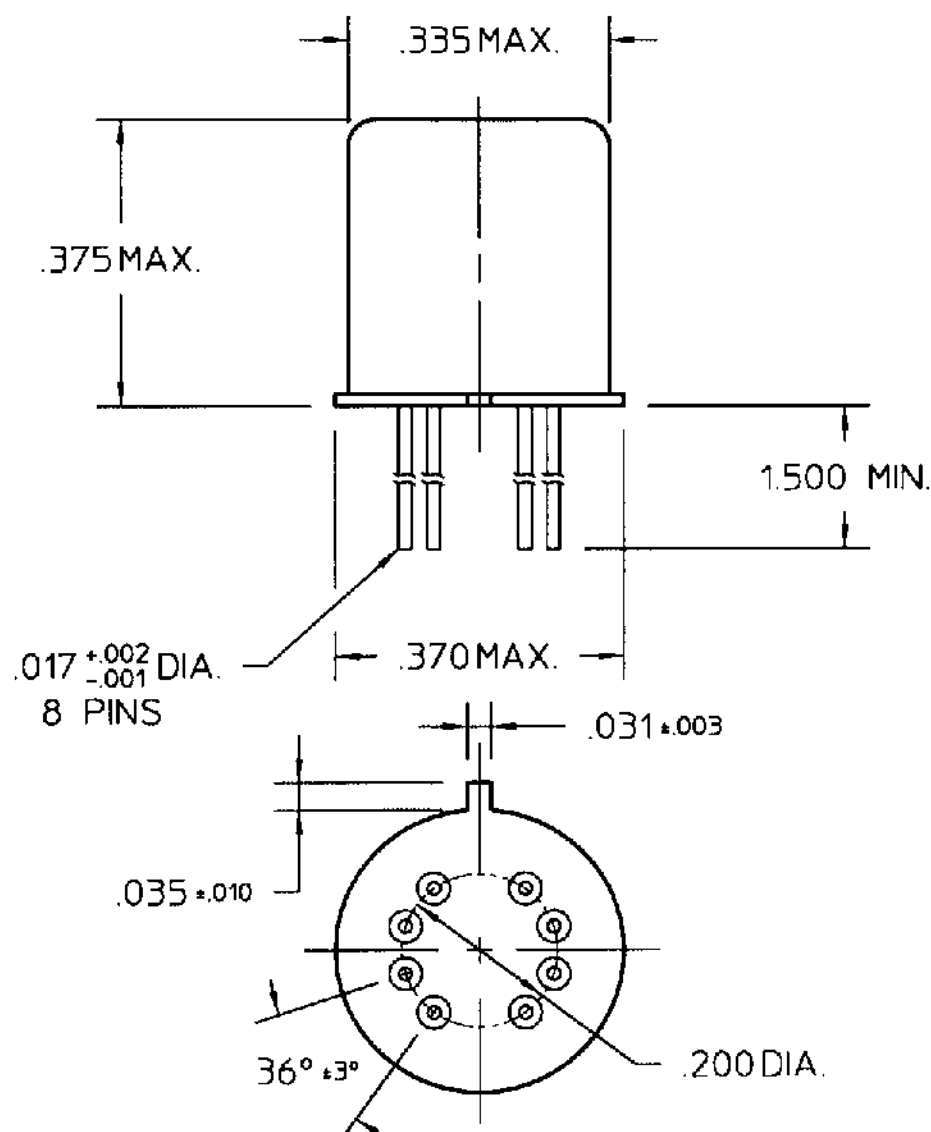


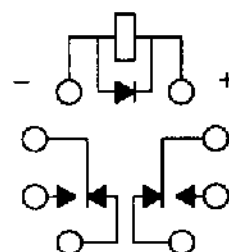


COIL: @ 25°C
 RESISTANCE 11,000 OHMS $\pm$ 10%
 NOMINAL VOLTAGE 48.0 VDC
 MUST OPERATE 25.8 VDC
 MUST RELEASE 13.0 VDC MAX, 2.4 VDC MIN.

ENVIRONMENT:
 VIBRATION 10 CPS TO 3000 CPS @ 30 g's
 SHOCK 75 g's 6 MS. DURATION
 TEMPERATURE -65 °C TO +125 °C

NOTES: OPERATE TIME 4 MS MAX
 RELEASE TIME 7.5 MS MAX
 CONTACT BOUNCE 15 MS MAX

CUSTOMER DATA SHEET



CONTACT RATING: LOW LEVEL TO 1A
 28 VDC RESISTIVE 100,000 OPERATIONS

DR. R.B. 4/29/97 CK *[Signature]* 4/29/97

**COMMUNICATIONS
 INSTRUMENTS, INC.**

CUST. QPL
 CUST. NO. M39016/16-022L

TYPE JMSD RELAY

JMSWD-48XL