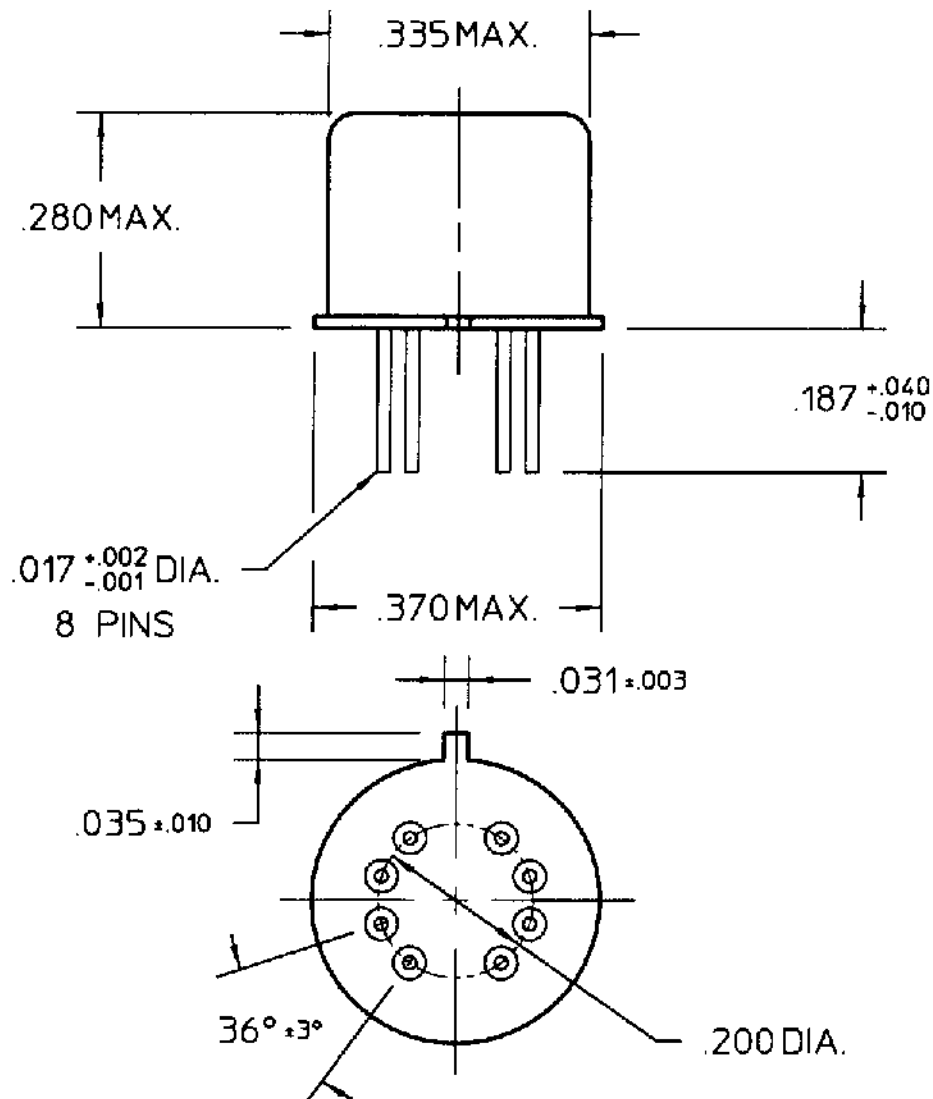




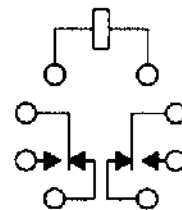
COIL: @ 25°C  
 RESISTANCE 50 OHMS  $\pm$  10%  
 NOMINAL VOLTAGE 5.0 VDC  
 MUST OPERATE 2.7 VDC  
 MUST RELEASE 1.4 VDC MAX, 0.22 VDC MIN

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 2.0 MS MAX.  
RELEASE TIME 1.5 MS MAX.  
CONTACT BOUNCE 1.5 MS MAX.

CUSTOMER DATA SHEET



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

DR. R.B. 9/29/97 *[Signature]* 9/29/97

**COMMUNICATIONS**  
**INSTRUMENTS, INC.**

CUST. OPL  
 CUST. NO. M39016/9-019L

TYPE JMA RELAY

**JMAP-5XL**