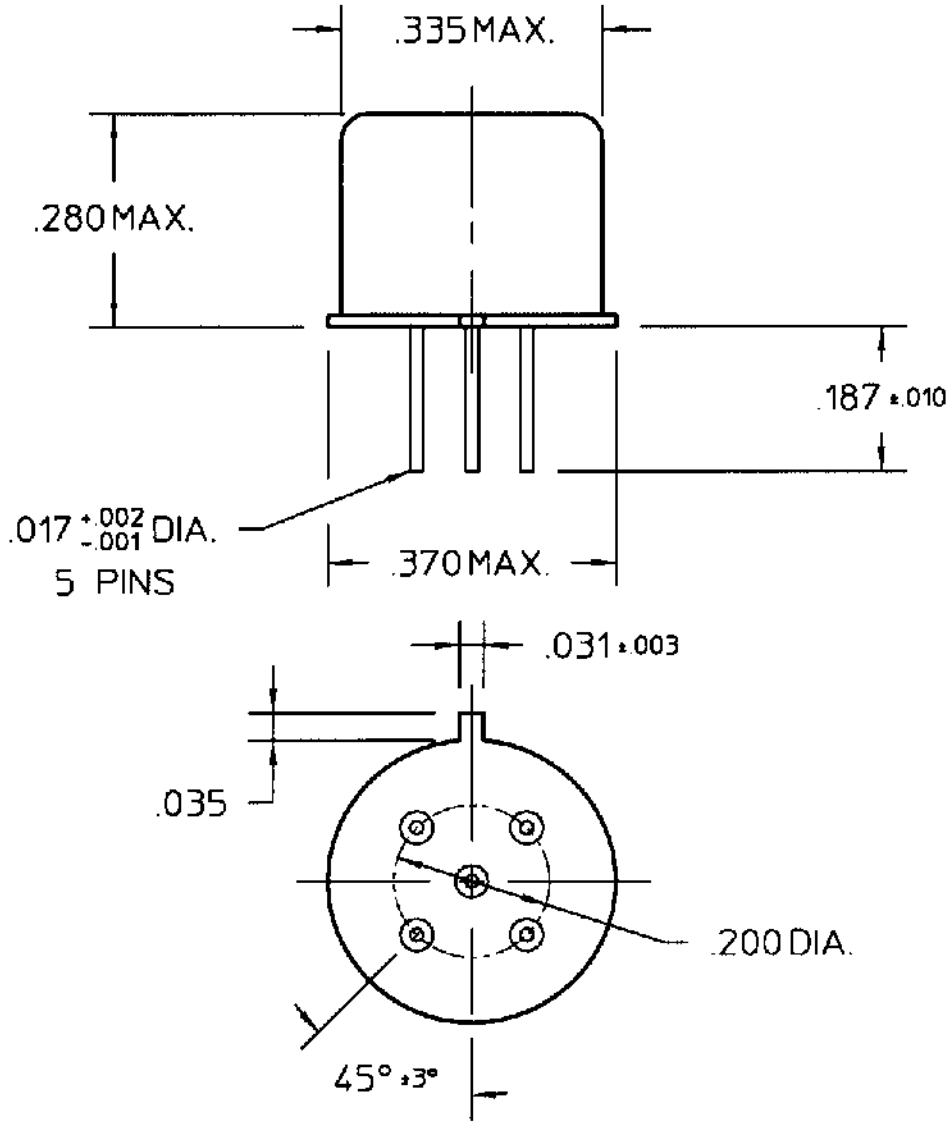


COIL: @ 25°C

RESISTANCE	63 OHMS ± 10%
NOMINAL VOLTAGE	5.0 VDC
MUST OPERATE	2.8 VDC
MUST RELEASE	1.7 VDC MAX. 0.23 VDC MIN.

ENVIRONMENT:

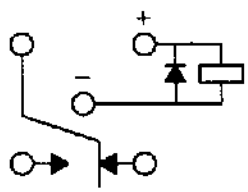
VIBRATION 10 CPS TO 3000 CPS @ 30 g's

SHOCK 75 g's 6 MS. DURATION

TEMPERATURE -65 °C TO +125 °C

NOTES: OPERATE TIME 2.0 MS MAX.
RELEASE TIME 4.0 MS MAX.
CONTACT STABILIZATION 2.0 MS MAX.

CUSTOMER DATA SHEET



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

DR. R.B. 7/10/97 | CK JERRY 7/10/97

COMMUNICATIONS INSTRUMENTS, INC.

CUST. QPL
CUST. NO. M39016/23-019P

TYPE J1MAD RELAY

J1MAPD-5XP