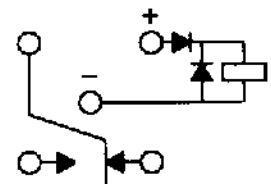


COIL: @ 25°C
 RESISTANCE 500 OHMS ± 10%
 NOMINAL VOLTAGE 12.0 VDC
 MUST OPERATE 8.0 VDC
 MUST RELEASE 4.0 VDC MAX, 0.63 VDC MIN.

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



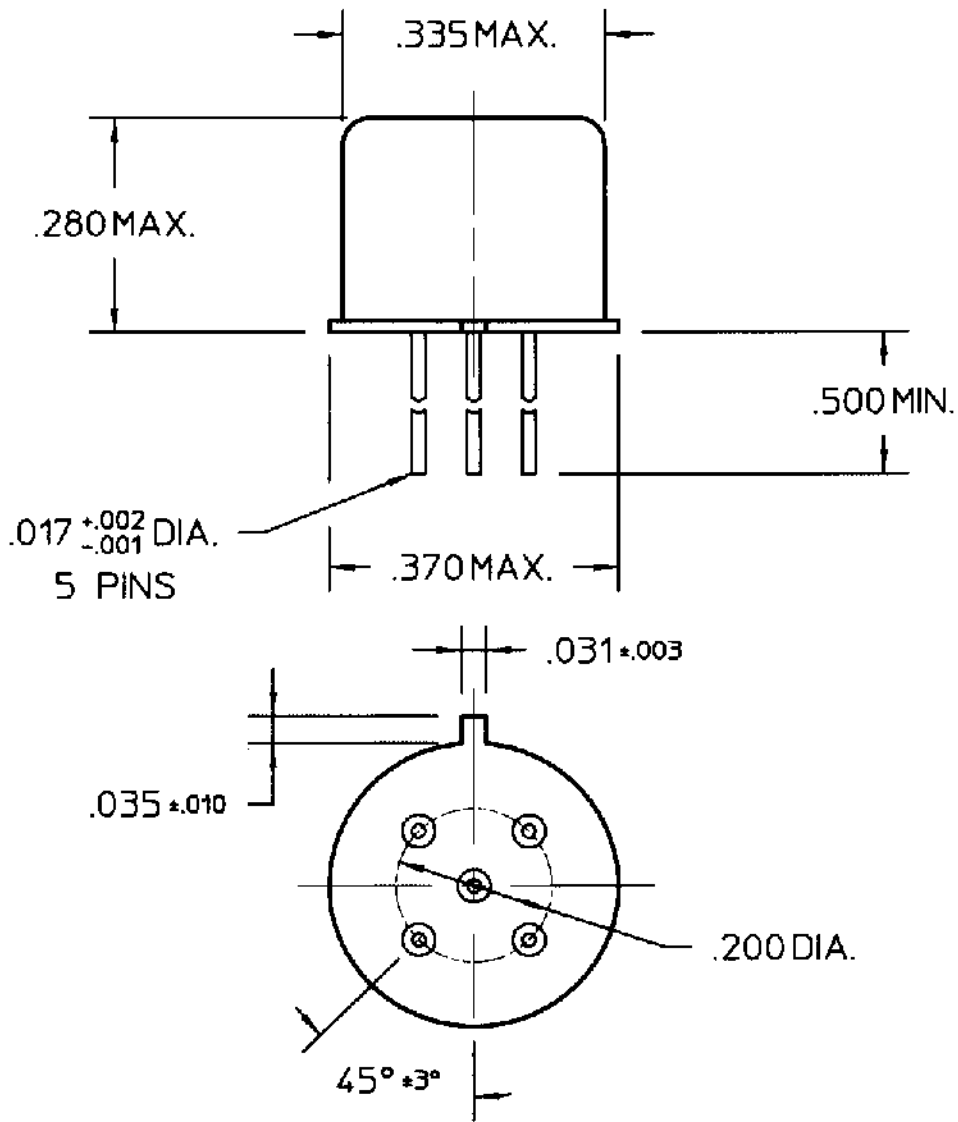
CONTACT RATING: LOW LEVEL TO 1A
28 VDC RESISTIVE 100,000 OPERATIONS

DR. R.B. 7/21/98 CK. *Jerry* 7/21/98

COMMUNICATIONS
INSTRUMENTS, INC.

CUST. QPL
 CUST. NO. M39016/24-028P TYPE J1MADD RELAY

J1MACDD-12XP



REV. 0
DCO 140952

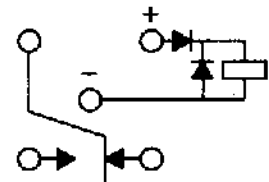
COIL: @ 25°C	
RESISTANCE	2000 OHMS ± 10%
NOMINAL VOLTAGE	26.5 VDC
MUST OPERATE	14.4 VDC
MUST RELEASE	8.0 VDC MAX, 1.37 VDC MIN.

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



TERMINAL VIEW

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

DR. R.B. 3/9/99 *ERK* 3-10-99

COMMUNICATIONS
INSTRUMENTS, INC.

CUST. QPL
CUST. NO. M39016/24-030M

TYPE J1MADD RELAY

J1MACDD-26XM