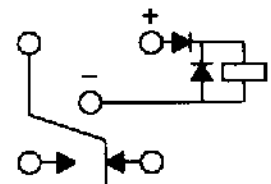


COIL: @ 25°C  
 RESISTANCE \_\_\_\_\_ 500 OHMS  $\pm$  10%  
 NOMINAL VOLTAGE \_\_\_\_\_ 12.0 VDC  
 MUST OPERATE \_\_\_\_\_ 8.0 VDC  
 MUST RELEASE \_\_\_\_\_ 4.0 VDC MAX, 0.63 VDC MIN.

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



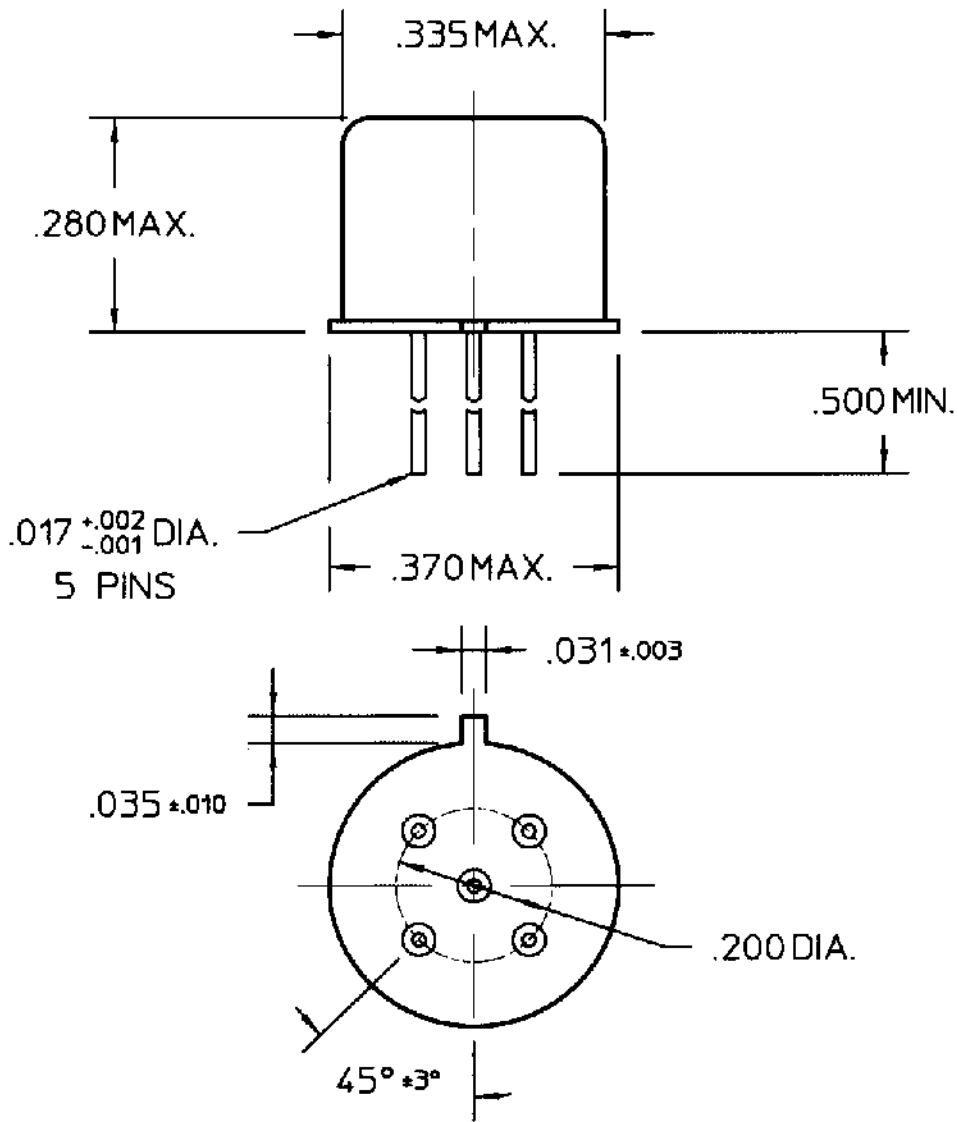
CONTACT RATING: \_\_\_\_\_ LOW LEVEL TO 1A  
 \_\_\_\_\_ 28 VDC RESISTIVE 100,000 OPERATIONS

DR. R.B. 7/21/98 [CK] Jerry 7/21/98

COMMUNICATIONS  
 INSTRUMENTS, INC.

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

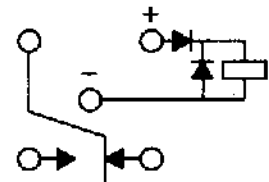
J1MACDD-12XP



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.

**CUSTOMER DATA SHEET**



TERMINAL VIEW

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

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

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

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



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

TYPE J1MADD RELAY

**J1MACDD-26XM**