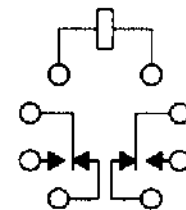


COIL: @ 25°C
 RESISTANCE 50 OHMS ± 10%
 NOMINAL VOLTAGE 5.0 VDC
 MUST OPERATE 2.7 VDC
 MUST RELEASE 1.4 VDC MAX, 0.22 VDC MIN

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