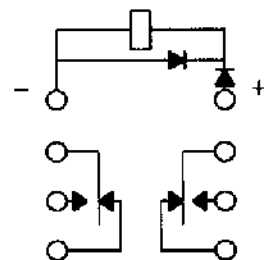


COIL: @ 25°C
 RESISTANCE 850 OHMS ± 10%
 NOMINAL VOLTAGE 12.0 VDC
 MUST OPERATE 7.8 VDC
 MUST RELEASE 4.6 VDC MAX, 1.3 VDC MIN.

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 4.0 MS MAX
RELEASE TIME 7.5 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. 10/29/97 CK. *[Signature]* 10/29/97

COMMUNICATIONS INSTRUMENTS, INC.

CUST. QPL
 CUST. NO. M39016/21-010P

TYPE "JMSDD" RELAY

JMSWDD-12XP