

DESCRIPTION: Reed relay 3 form A dry with E/S shield. 5.0 VDC, 350 ohm coil. Relay is encapsulated in a coated/insulated steel shell.

ELECTRICAL

TEST PARAMETERS		MIN.	NOM.	MAX.	UNITS
COIL RESISTANCE					
		315	350	385	OHMS
NOMINAL VOLTAGE					
		5.0		VOLTS	
MUST OPERATE					
		3.75		VDC	
MUST RELEASE					
		0.4		VDC	
SWITCHING VOLTAGE					
		200		VOLTS	
SWITCHING CURRENT					
		0.5		AMPS	
CARRY CURRENT					
		1.0		AMPS	
CONTACT RATING (SWITCHING)					
		10.0		WATTS	
LIFE					
SIGNAL LOAD		1 VOLT 10 mAmps		100E6	
MEDIUM LOAD		CONTACT FACTORY		OPERATIONS	
HIGH LOAD		CONTACT FACTORY		OPERATIONS	
STATIC CONTACT RESISTANCE					
		0.050 VOLTS , 10 Ma		0.100	
		50 msec AFTER COIL ENERG.			
DYNAMIC CONTACT RESISTANCE					
		0.50 VOLTS , 50 Ma		0.200	
		100 Hz 1.5 msec.			
INSULATION RESISTANCE					
ACROSS OPEN CONTACTS		At 100 VDC		OHMS	
CONTACT TO COIL		#2 Note		OHMS	
COIL TO SHIELD		#2 Note		OHMS	
CONTACT TO SHIELD		#2 Note		OHMS	
CAPACITANCE					
CONTACT GAP		SHIELD GUARDED		1.0	
OPEN CONTACTS		SHIELD GUARDED		N/A	
CONTACT TO COIL		SHIELD GUARDED		N/A	
CAPACITANCE					
CONTACT GAP		SHIELD GUARDED		1.0	
CONTACT TO COIL		SHIELD GUARDED		N/A	
DIELECTRIC STRENGTH					
CONTACT TO SHIELD		DC/ PEAK AC		1,500	
CONTACT TO COIL		DC/ PEAK AC		1,500	
OPERATE TIME (INCLUDING BOUNCE)					
		AT NOMINAL VOLTAGE 30 Hz		3.0	
		SQUARE WAVE		mSEC	
RELEASE TIME (GENER DIODE SUPPRESSION)					
		Differentially		2.0	
		micro V.		mSEC	
THERMAL EMF (Any Pair of Switches)					
		-35		+100	
		-20		+85	
STORAGE TEMPERATURE					
OPERATING TEMPERATURE					

NOTES:
 1. All parameters specified per IEC/ANSI standards for dry reed relays NO RS-421 & RS-436 unless otherwise noted. All parameters specified @ 25 deg. C & 40% R.H.
 #2 Any contact, except electrostatic shield switch, to all pins connected together: 10E13 ohms Min. @ 27°C, 60% R.H. Electrostatic shield to coil 10E11 ohms Min.

REV. A, 17MAY99: Retyped spec per new format.

PART NUMBER

3600-0012



55 DUPONT DR.
 PROVIDENCE RI

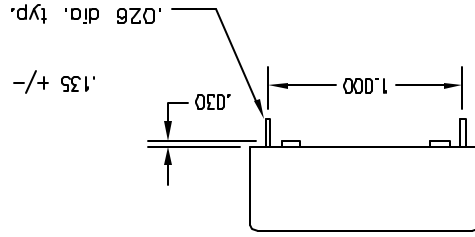
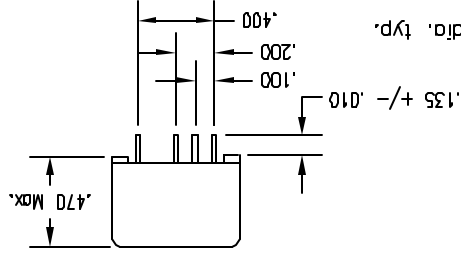
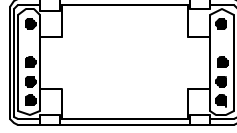
DATE: 17MAY99

REV. A TYPE: 3 FORM A

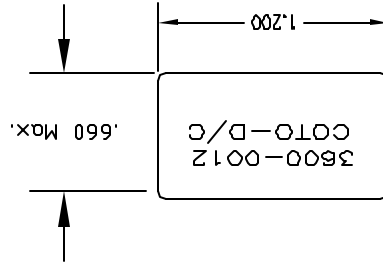
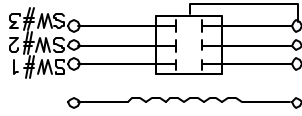
ENG: LMC CUST P/N N/A

APPROVAL: CUST: KEITHLEY

SHEET: 1 OF 2



SCHEMATIC (TOP VIEW)



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