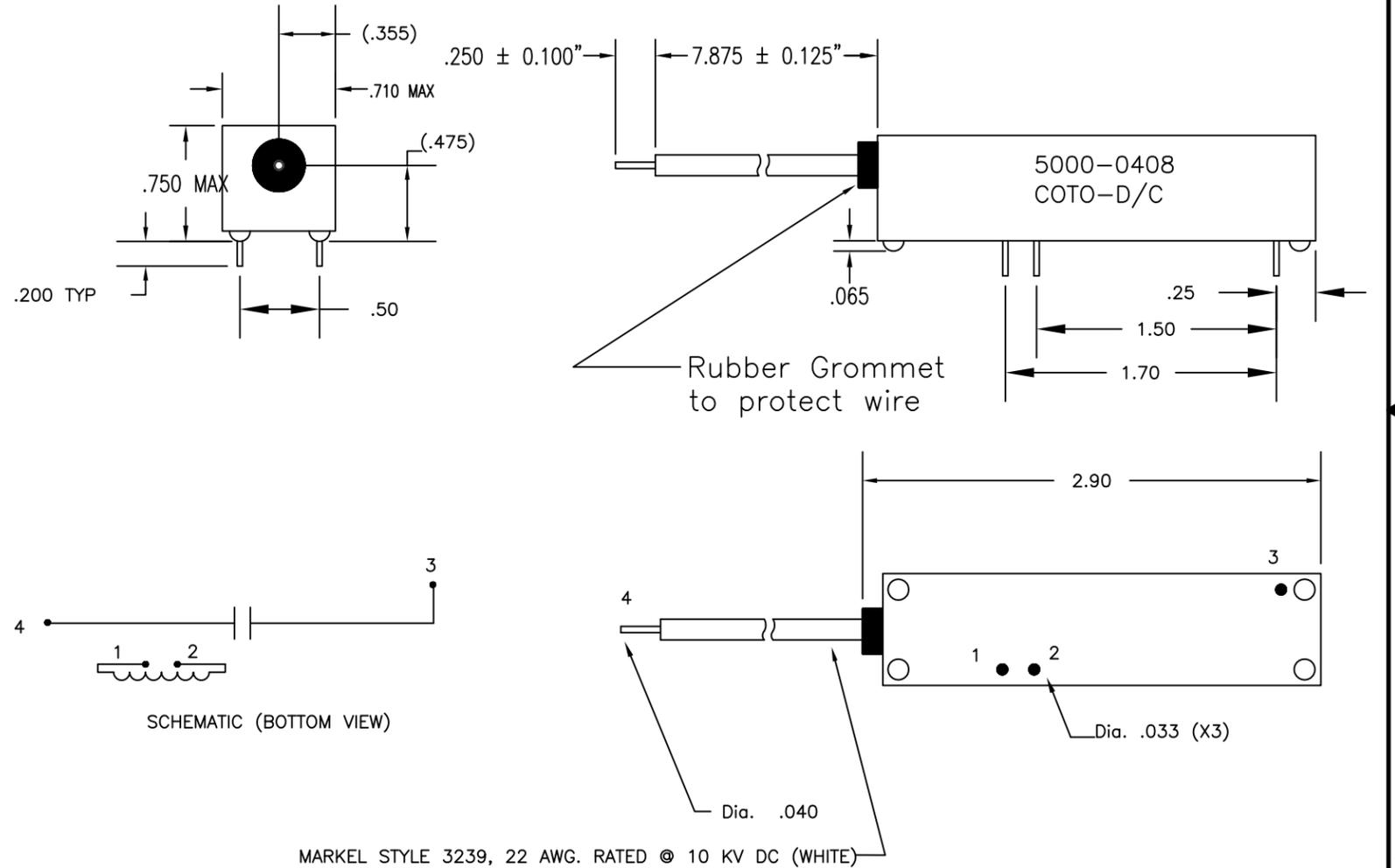


DESCRIPTION: REED RELAY, 1 FORM A (SPST), 14 VOLT, 250 OHM COIL.

REVISION HISTORY					
ZONE	REV	ECN	DESCRIPTION	DATE	REV BY
	A		Added silicone P/N to print, see note 2	22FEB10	LMC

ELECTRICAL

TEST PARAMETERS	TEST CONDITIONS (note 1)	MIN.	NOM.	MAX.	UNITS
COIL RESISTANCE		225	250	275	OHMS
NOMINAL VOLTAGE			14.0	*17.0	VOLTS
MUST OPERATE				10.0	VOLTS
MUST RELEASE		1.26			VOLTS
SWITCHING VOLTAGE				5000	VOLTS
SWITCHING CURRENT				3.0	AMPS
CARRY CURRENT				5.0	AMPS
CONTACT RATING (SWITCHING)				50	WATTS
LIFE EXPECTANCY	SIGNAL LOAD	1 VOLT 10 mAMPS		100E6	OPERATIONS
	MEDIUM LOAD	CONTACT FACTORY		N/A	OPERATIONS
	HIGH LOAD	CONTACT FACTORY		N/A	OPERATIONS
STATIC CONTACT RESISTANCE	0.050 VOLTS , 10 Ma 50 mSec AFTER COIL ENERG.			0.080	OHMS
DYNAMIC CONTACT RESISTANCE	0.50 VOLTS , 50 Ma 100 Hz 1.5 mSec.			N/A	OHMS
INSULATION RESISTANCE	ACROSS OPEN CONTACTS	AT 100 VDC	1E10		OHMS
	CONTACT TO COIL		1E10		OHMS
	COIL TO SHIELD		N/A		OHMS
	CONTACT TO SHIELD		N/A		OHMS
CAPACITANCE	CONTACT GAP	SHIELD GUARDED		N/A	ρ F
CAPACITANCE	OPEN CONTACTS	SHIELD GUARDED		N/A	ρ F
CAPACITANCE	CONTACT TO COIL	SHIELD GUARDED		N/A	1.5 ρ F
DIELECTRIC STRENGTH	CONTACT GAP	DC/ PEAK AC	7,500		VOLTS
	CONTACT TO SHIELD	DC/ PEAK AC	N/A		VOLTS
	CONTACT TO COIL	DC/ PEAK AC	10,000		VOLTS
OPERATE TIME (INCLUDING BOUNCE)	AT NOMINAL VOLTAGE 30 Hz SQUARE WAVE			3.0	mSEC
RELEASE TIME (ZENER DIODE SUPPRESSION)				3.0	mSEC
ENVIRONMENTAL					
STORAGE TEMPERATURE		-35		+100	$^{\circ}$ C
OPERATING TEMPERATURE		-20		+85	$^{\circ}$ C



- NOTES:
- All parameters specified per EIA/NARM standards for dry reed relays NO RS-421 & RS-436 unless otherwise noted, all parameters specified @ 25 deg. C & 40% R.H.
 - Potting material: GE Silicone RTV627
 - Part is RoHS compliant.
 - C of C to all applicable specification to accompany each shipment.

* Max. operate voltage of 17.0 VDC is not recommended for continuous voltage.

APPROVALS REQUIRED		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES XX = ± .010 XXX = ± .005 XXXX = ± .001 FRACTIONS = 1/64 ANGLES = ± 1/2	171 SERVICE RD, SUITE301, BLDG2 WARWICK, RI 02886 USA PH:401.943.2686 www.COTORELAY.com	
DRAWN BY LMC	DATE 07JAN10		<p>THIRD ANGLE PROJECTION</p> <p>DO NOT SCALE THIS DRAWING</p>	.\ANSI B3.bmp COTO DWG NAME Reed Relay, 1 FORM A
CHECKED BY	DATE	COTO DWG# 5000-0408		REV A
QA APPROVAL BY	DATE	CUST./SUPL. NAME ConMed	CUST./SUPL. DWG# N/A	
MFG APPROVAL BY	DATE	SIZE B	SCALE FOR SERIES	SHEETS 1 OF 1
ENG APPROVAL BY	DATE			
MATERIAL	FINISH			