

NOTES:

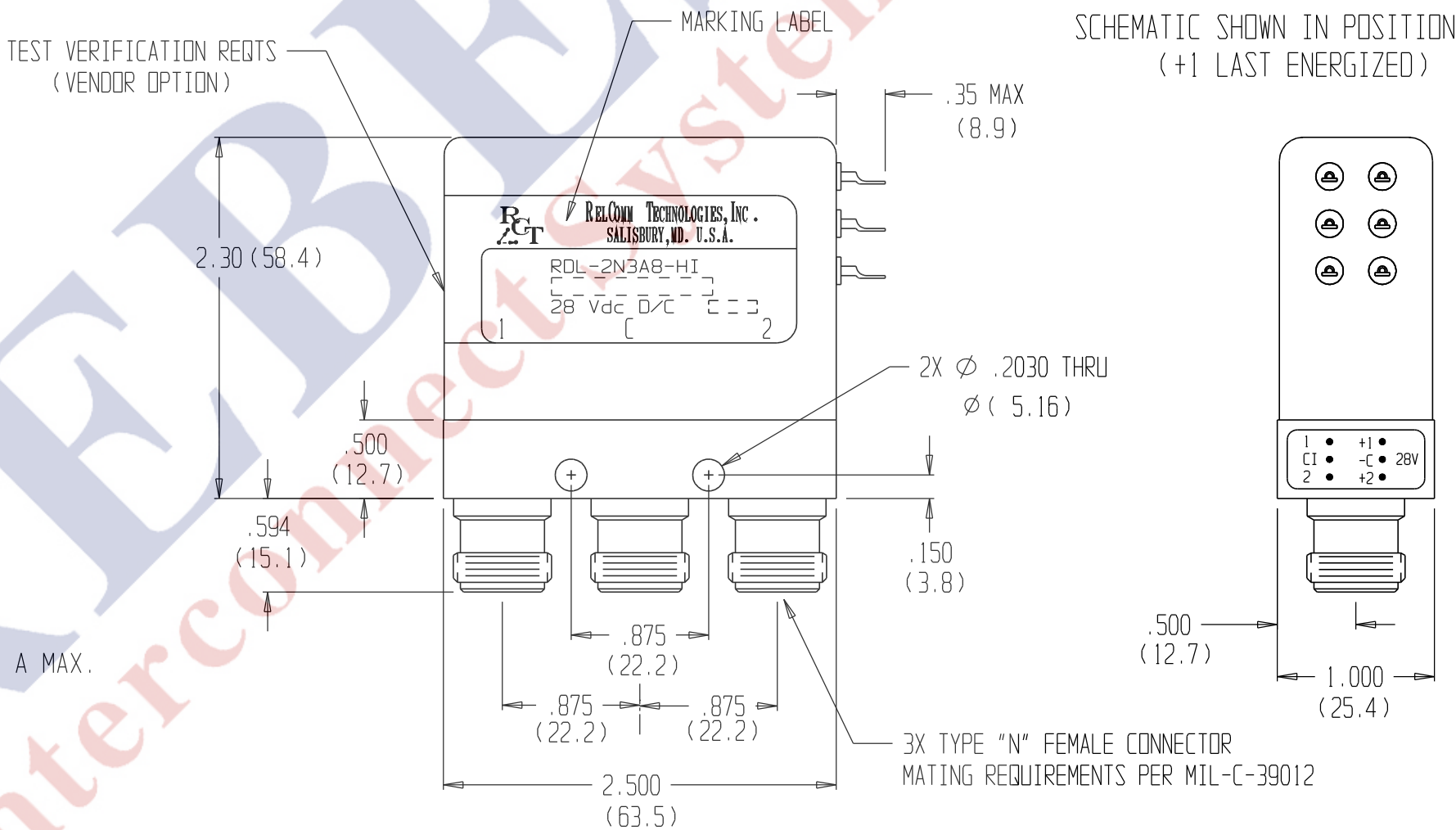
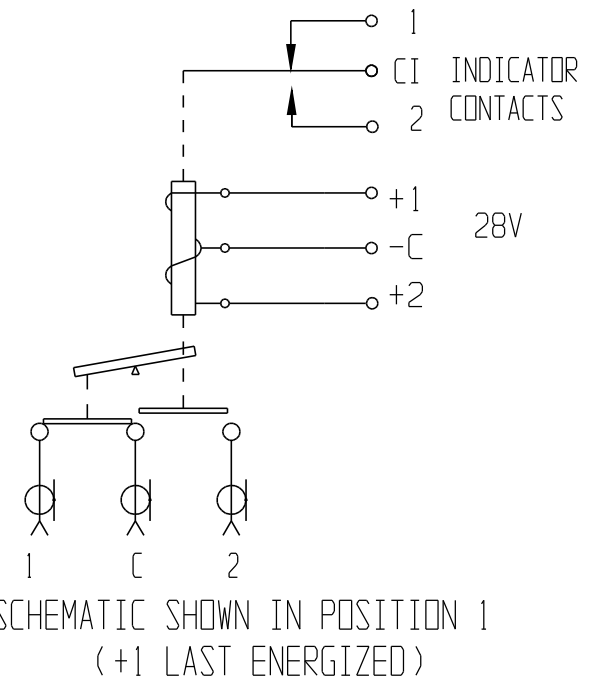
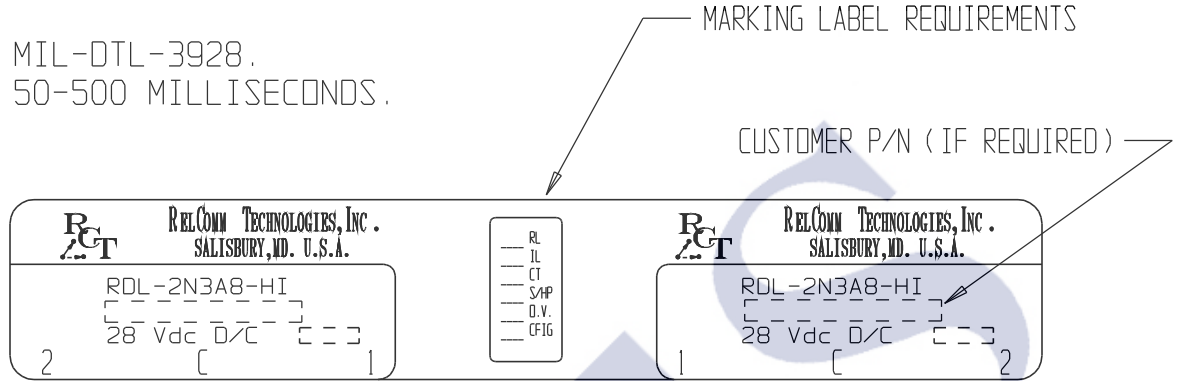
- 1.INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994.
2.METRIC (MILLIMETER) EQUIVALENTS ARE IN PARENTHESIS.
3.VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.
4.RECOMMENDED PULSE WIDTH DURATION FOR SWITCHING RELAY, 50-500 MILLISECONDS.

CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50		
FREQUENCY RANGE (GHz) -----	DC-2	2-4	4-8
V.S.W.R. (MAX) -----	1.20:1	1.35:1	1.45:1
INSERTION LOSS (dB MAX) -----	0.20	0.35	0.40
ISOLATION (dB MIN) -----	80	70	60
RF POWER THRU (WATTS CW) -----	375	275	200
HOT SWITCH RATING (WATTS CW) ---	100	80	60
TEMPERATURE RANGE (OPERATING) --	-30°C - +70°C		
TEMPERATURE RANGE (STORAGE) ----	-55°C - +100°C		
SWITCHING ACTION (LATCHING)-----	MAKE BEFORE BREAK		
OPERATING VOLTAGE (OVER TEMP) --	24 - 32 Vdc		
SWITCHING VOLTAGE (MAX @ 25°C) -	20 Vdc		
ACTUATING CURRENT (mA MAX) ----	127 @ 28 Vdc & 25°C		
SWITCHING TIME (MAX) -----	20mSEC		
LIFE (COLD SWITCHING) -----	300,000 CYCLES PER POSITION		
HOT SWITCHING CYCLE LIFE -----	100,000 PER POSITION		
INDICATOR RATING -----	5 WATTS TYP., 175 Vdc MAX., .25 A MAX.		
WEIGHT (OZ) -----	8.0 NOM		

MATERIALS/FINISH:

HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
CONNECTORS ---	STAINLESS STEEL/PASSIVATE
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD
TERMINALS -----	Ni-Fe/Sn-70 SOLDER



				UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES .XX ±.02 FRACTIONS ± .XXX ±.010 SURFACE QUALITY .XXXX ±.0050 63/ MAX	DR B. JONES 07/30/03 CK M. MAGDA ENG B. JONES MFG QA	 EXCELLENCE BY DESIGN RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801	
				THIRD ANGLE PROJECTION	THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF RELCOMM TECHNOLOGIES AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEM(S) WITHOUT WRITTEN PERMISSION.		TITLE COAXIAL RELAY 1P2T "PULSE LATCH" W/ INDICATORS
							SIZE B DWG NO. RDL-2N3A8-HI REV 1
1	1544	7/31/08	B. JONES				SCALE 1 : 1 DO NOT SCALE DWG SHEET 1 OF 1
REV	ECN NO.	DATE	APPROVAL				