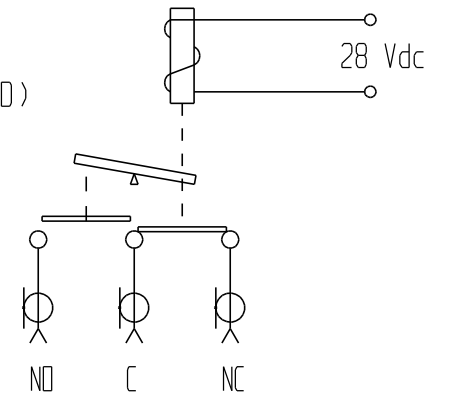
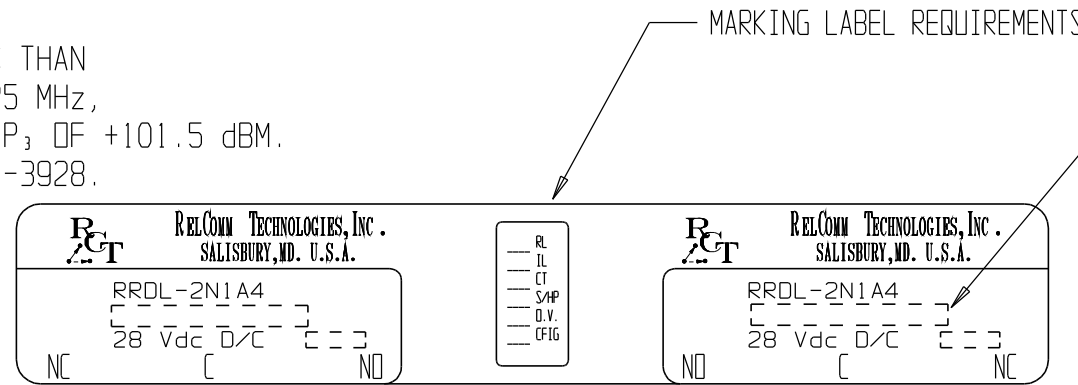


NOTES:

1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994.
2. METRIC (MILLIMETER) EQUIVALENTS ARE IN PARENTHESIS.
3. INTERMODULATION: NO THIRD ORDER INTERMODULATION PRODUCTS LESS THAN 95 dBc SHALL EXIST AS A RESULT OF TWO 250 WATT SIGNALS ($F_1 = 825$ MHz, $F_2 = 850$ MHz) INCIDENT TO THE RELAY. THIS IS EQUIVALENT TO AN IP_3 OF +101.5 dBm.
4. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.
5. THIS RELAY IS RoHS COMPLIANT.



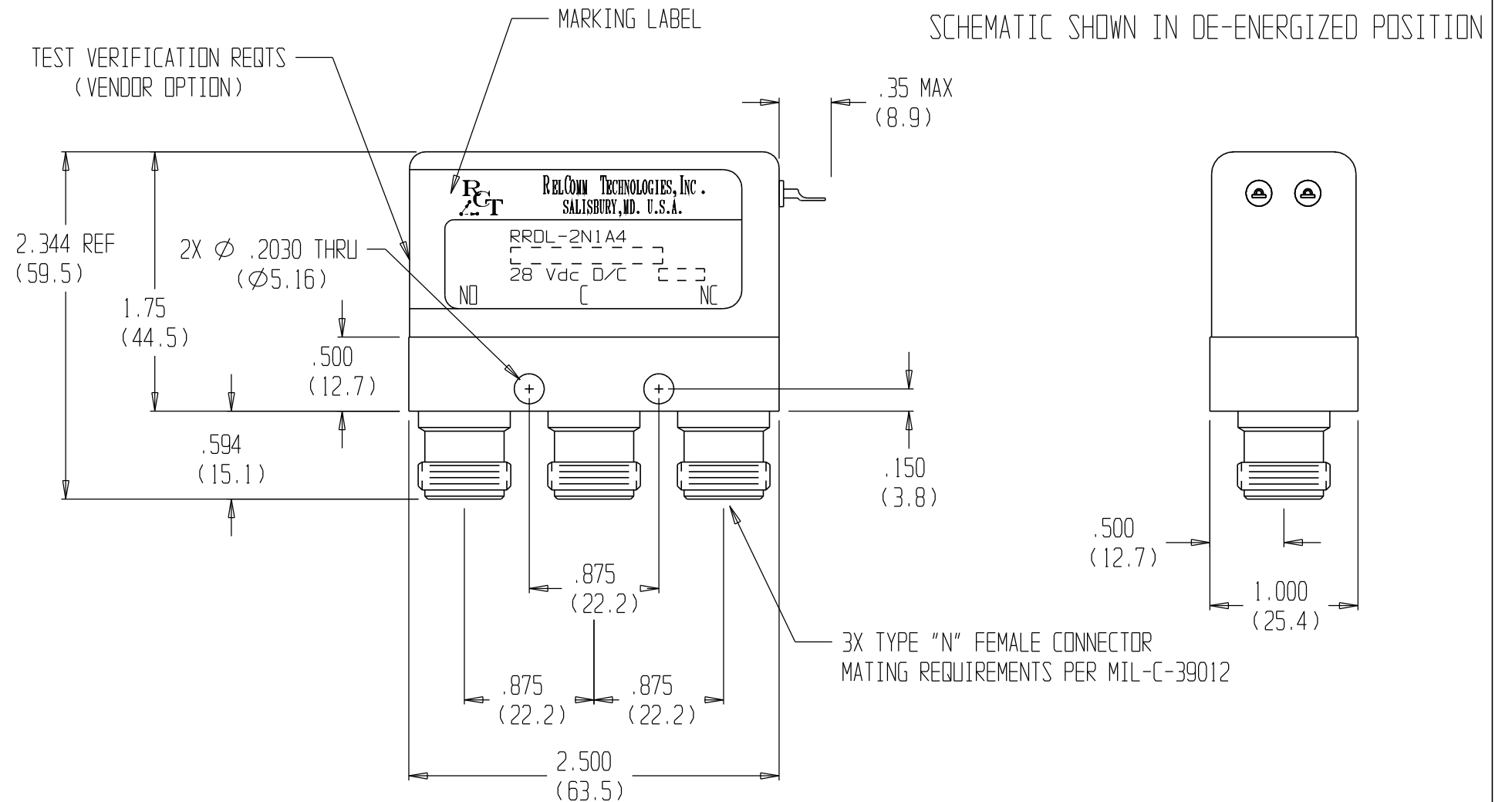
CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM)	50			
FREQUENCY RANGE (GHz)	DC-1	1-2	2-3	3-4
V.S.W.R. (MAX)	1.10:1	1.15:1	1.25:1	1.30:1
INSERTION LOSS (dB MAX)	0.10	0.15	0.20	0.25
ISOLATION (dB MIN)	80	80	80	70
AVERAGE POWER (WATTS TYP)	550	400	325	275

TEMPERATURE RANGE (OPERATING)	-40°C - +85°C
TEMPERATURE RANGE (STORAGE)	-55°C - +100°C
SWITCHING ACTION (FAILSAFE)	BREAK BEFORE MAKE
OPERATING VOLTAGE (OVER TEMP)	22 - 32 Vdc
PICKUP VOLTAGE (MAX @ 25°C)	20 Vdc
DROPOUT VOLTAGE	> 2 Vdc
ACTUATING CURRENT (MA MAX)	82 @ 28 Vdc & 25°C
SWITCHING TIME (MAX)	20 mSEC
LIFE (MIN PER POSITION)	1 * 10 ⁶ CYCLES
WEIGHT (OZ)	6.5 NOM

MATERIALS/FINISH:

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



REV	ECN NO.	DATE	APPROVAL
-	RELEASED	7/15/08	B. JONES
A	PRELIMINARY	7/14/08	A. MAGDA

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 AND INCLUDE PLATING.
 TOLERANCES
 .XX ± .02 FRACTIONS ±
 .XXX ± .010 SURFACE QUALITY
 .XXXX ± .0050 63/ MAX

THIRD ANGLE PROJECTION

DR A. MAGDA 7/14/08
 CK M. MAGDA
 ENG B. JONES
 MFG
 QA

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.

		RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801	
TITLE COAXIAL RELAY "FAILSAFE" 1P2T			
SIZE B	DWG NO.	RRDL-2N1A4	REV -
SCALE 1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1	