

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-S-3928.

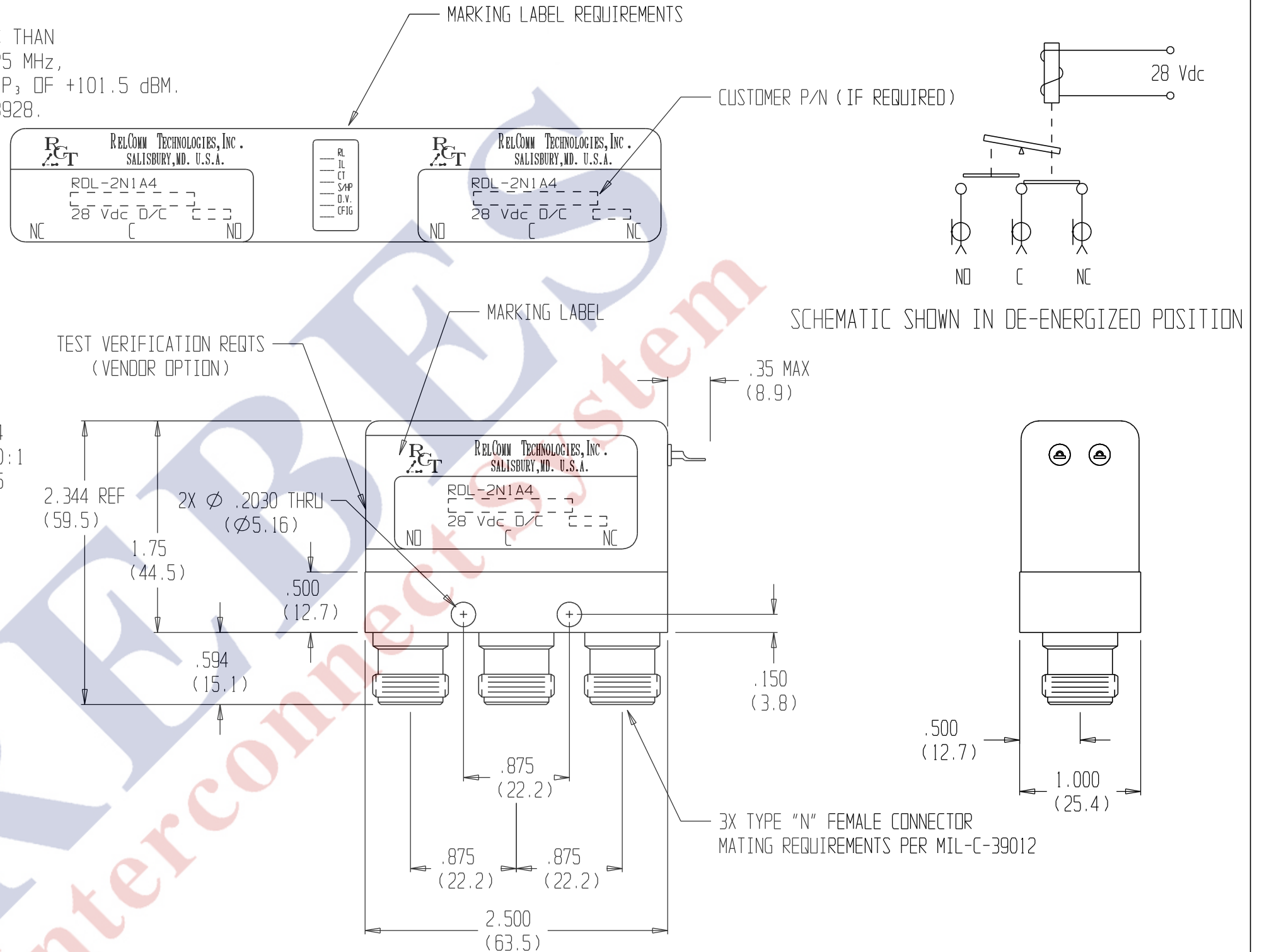
CHARACTERISTICS:

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-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 C. POWELL 10/23/00 CK M. MAGDA 10/30/00 ENG B. JONES 10/25/00 MFG QA	 EXCELLENCE BY DESIGN	REL COMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801	
2	1105	10/28/03	B. JONES	THIRD ANGLE PROJECTION 	THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF REL COMM 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 "FAILSAFE" 1P2T	
1	1083	7/30/03	M. MAGDA			SIZE B	DWG NO. RDL-2N1A4	REV 2
REV	ECN NO.	DATE	APPROVAL			SCALE 1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1