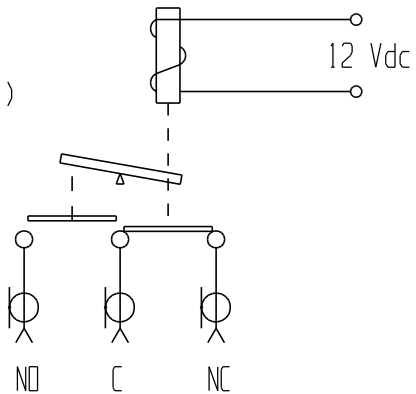
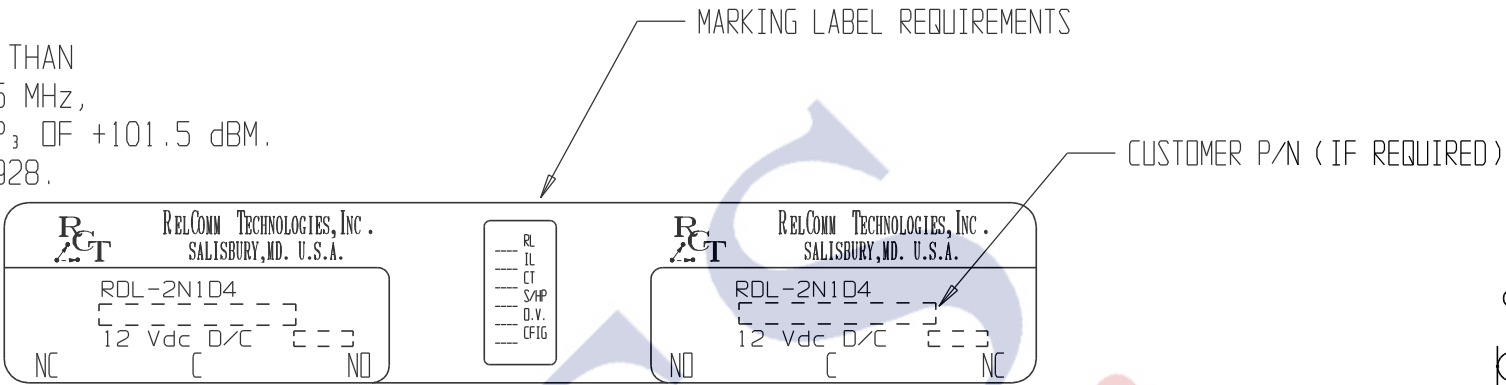


- NOTES:
- 1.INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994.
 - 2.METRIC (MILLIMETER) EQUIVALENTS ARE IN PARENTHESIS.
 - 3.INTERMODULATION: NO THIRD ORDER INTERMODULATION PRODUCTS LESS THAN 95 dBC SHALL EXIST AS A RESULT OF TWO 250 WATT SIGNALS ($F_1=825$ MHz, $F_2=850$ MHz) INCIDENT TO THE RELAY. THIS IS EQUIVALENT TO AN IP₃ OF +101.5 dBm.
 - 4.VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-S-3928.



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

CHARACTERISTICS:

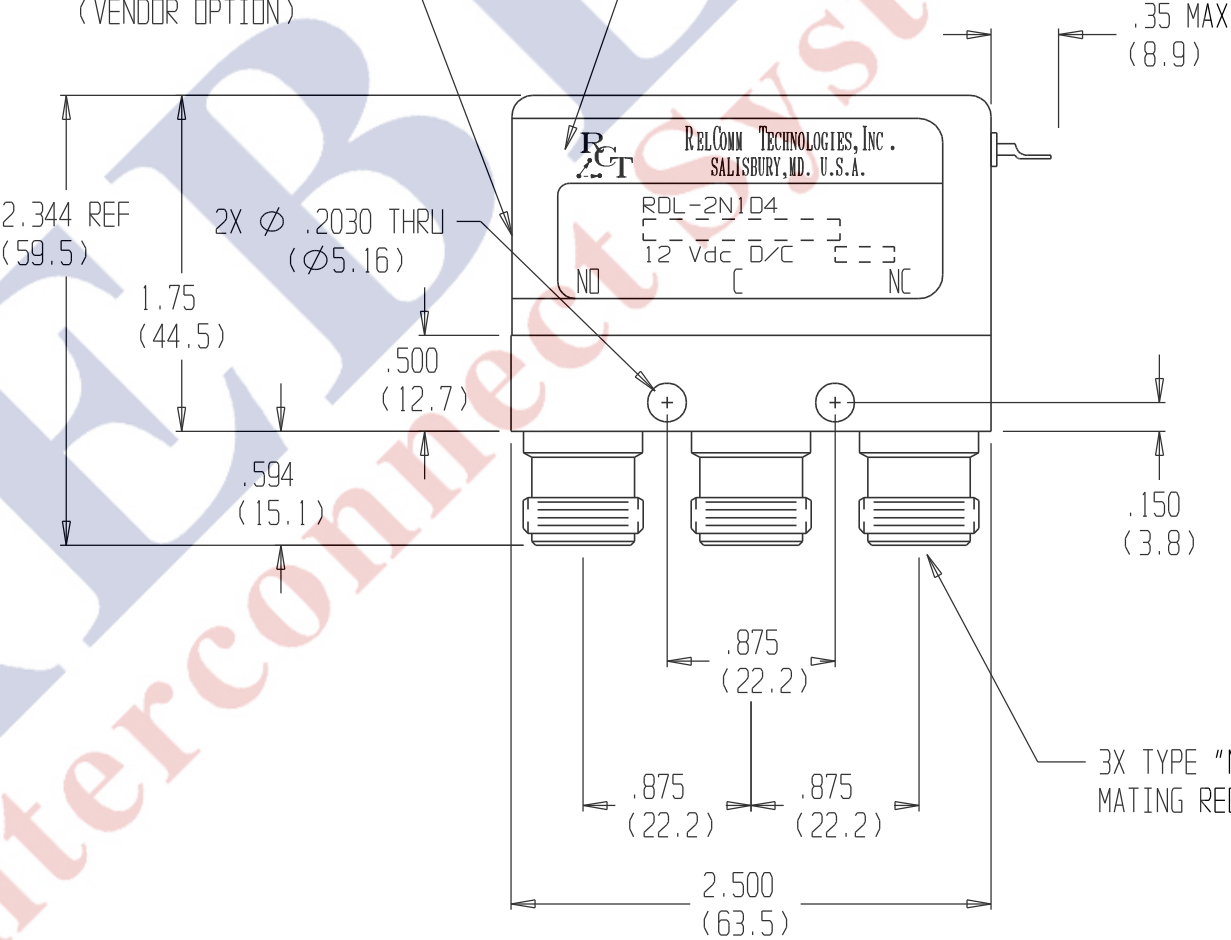
NOMINAL IMPEDANCE (OHM) -----	50			
FREQUENCY RANGE (GHz) -----	DC-1	1-2	2-3	3-4
V.S.W.R. (MAX) -----	1.10:1	1.15:1	1.25:1	1.30:1
INSERTION LOSS (dB MAX) -----	0.10	0.15	0.20	0.25
ISOLATION (dB MIN) -----	80	80	80	70
AVERAGE POWER (WATTS TYP) -----	550	400	325	275

TEMPERATURE RANGE (OPERATING) --	-40° C - +85° C
TEMPERATURE RANGE (STORAGE) ----	-55° C - +100° C
SWITCHING ACTION (FAILSAFE)-----	BREAK BEFORE MAKE
OPERATING VOLTAGE (OVER TEMP) --	10 - 14 Vdc
PICKUP VOLTAGE (MAX @ 25° C) ---	9 Vdc
DROPOUT VOLTAGE -----	> 2 Vdc
ACTUATING CURRENT (mA MAX) -----	133 @ 12 Vdc & 25° C
SWITCHING TIME (MAX) -----	20 mSEC
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES
WEIGHT (OZ) -----	6.5 NOM

MATERIALS/FINISH:

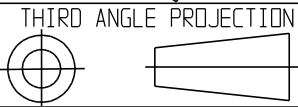
HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
CONNECTORS ---	STAINLESS STEEL/PASSIVATE
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD
TERMINALS -----	Ni-Fe/Sn-70 SOLDER

TEST VERIFICATION REQTS
(VENDOR OPTION)



2	1105	10/28/03	B.JONES
1	1083	7/30/03	M.MAGDA
REV	ECN NO.	DATE	APPROVAL

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	11/7/96
CK M.MAGDA	11/7/96
ENG M.MAGDA	11/7/96
MFG	
QA	
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RELCOMM TECHNOLOGIES, INC.
610 BEAM STREET
SALISBURY, MARYLAND 21801

TITLE		COAXIAL RELAY "FAILSAFE" 1P2T	
SIZE	DWG NO.	RDL-2N1D4	
B		REV 2	
SCALE	1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1