

- NOTES:
1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
  2. PART NUMBER RRDT-2P1D6 SUPPLIED AS SHOWN IN FIGURE #1. ADD SUFFIX "R" TO PART NUMBER TO REVERSE NC AND NO OUTPUTS AS SHOWN IN FIGURE #2.
  3. REFERENCE RECOMMENDED MOUNTING DETAIL 15009-01.
  4. RF PERFORMANCE CHARACTERISTICS REPRESENT AN INDIVIDUAL RELAY WHEN TESTED USING FLANGE TYPE "SMA" CONNECTOR LAUNCHERS. PERFORMANCE VALUES ARE SUBJECT TO AND MAY DEVIATE BASED ON END USER DISCRETION OF PCB TO RELAY LAUNCH TRANSITION DESIGN.
  5. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.
  6. THIS RELAY IS ROHS COMPLIANT.

CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM)	50			
FREQUENCY RANGE (GHz)	DC-1	1-2	2-4	4-6
V.S.W.R. (MAX)	1.1:1	1.15:1	1.2:1	1.3:1
INSERTION LOSS (dB MAX)	0.10	0.15	0.20	0.30
ISOLATION (dB MIN)	80	75	70	65
AVERAGE POWER (WATTS TYPICAL)	65	45	35	25
TEMPERATURE RANGE (OPERATING)	-40°C - +85°C			
TEMPERATURE RANGE (STORAGE)	-55°C - +100°C			
OPERATING VOLTAGE (OVER TEMP)	10.8 - 13.2 Vdc			
PICKUP VOLTAGE (MAX @ 25°C)	9.5 Vdc			
DROPOUT VOLTAGE	> 1.0 Vdc			
OPERATING CURRENT (MA MAX)	125 NOM @ 12 Vdc & 25°C (1.5 WATT NOM)			
SWITCHING TIME (MAX)	10 MSEC @ 12 Vdc & 25°C			
SWITCHING ACTION (FAILSAFE)	BREAK BEFORE MAKE			
LIFE (MINIMUM)	1 * 10 <sup>6</sup> CYCLES			
WEIGHT (OZ)	0.4 NOM			

MATERIALS/FINISH:

HOUSING ----- ALUMINUM/NICKEL  
 INSULATION --- TEFLON  
 CONTACTS ----- BERYLLIUM COPPER/GOLD  
 PIN OUTS ----- BRASS/GOLD

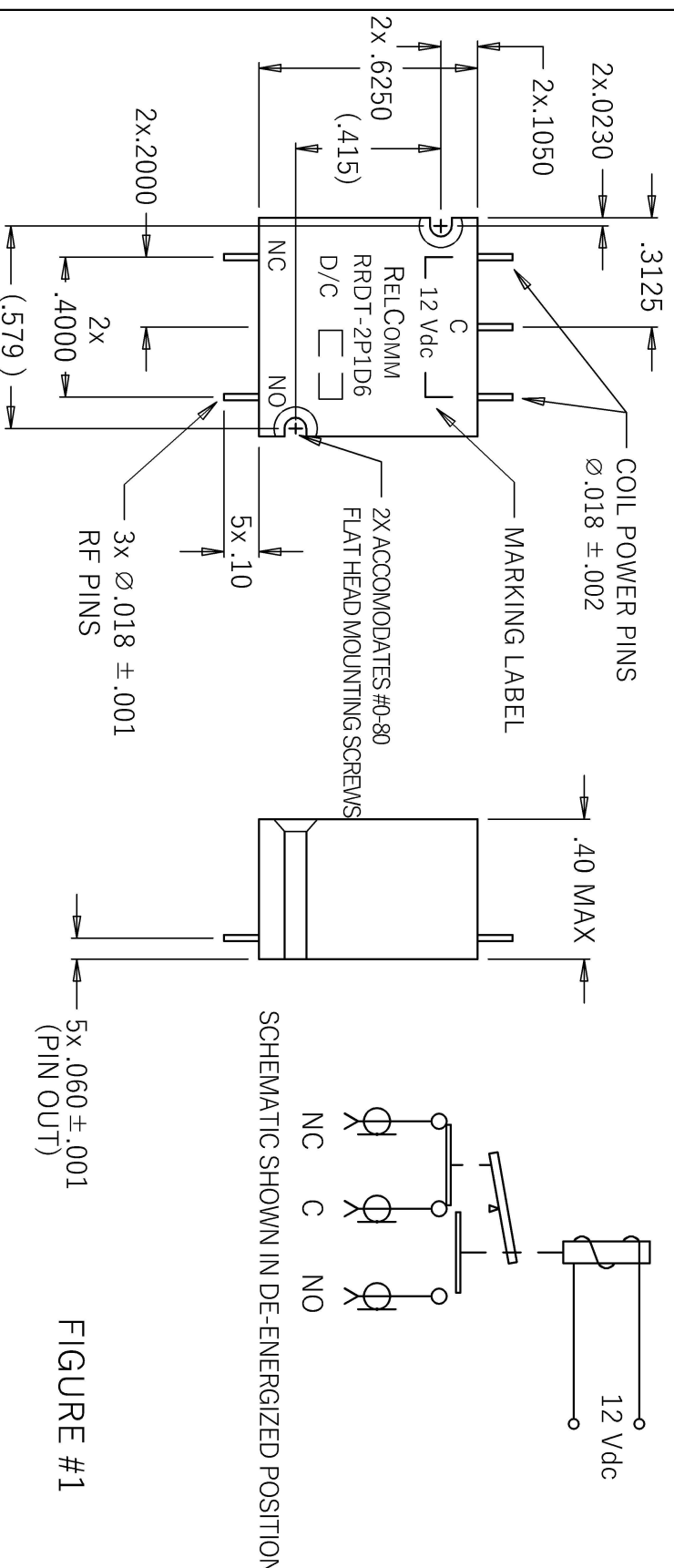
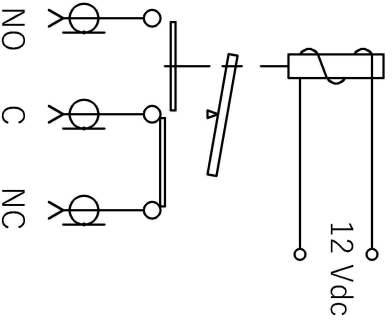
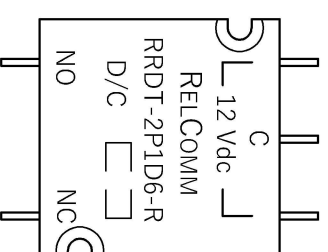


FIGURE #1



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

ALL DIMENSIONS AND SPECIFICATIONS ARE OTHERWISE SAME AS FIGURE #1

FIGURE #2

REV	ECN NO.	DATE	APPROVAL	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING TOLERANCES	DR	A.MAGDA	3/27/07			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, MD 21801	TITLE COAXIAL 1P2T RELAY "FAILSAFE"	SIZE	DWG NO.	SCALE	DO NOT SCALE DWG	SHEET	1 OF 1
A	PRELIMINARY	3/27/07	A.MAGDA	.XX ± .02 .XXX ± .010 .XXXX ± .0050	CK	M.MAGDA	FRACTIONS ± SURFACE QUALITY 63/MAX							B	RRDT-2P1D6-*	REV	-		
-	PROD RELEASE 2262	4/8/21	A.MAGDA	THIRD ANGLE PROJECTION	ENG	B.JONES													