

NOTES:

1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. PART NUMBER RDT-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-S-3928.

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 * 10^6 CYCLES	
WEIGHT (OZ) -----	0.4 NOM	

MATERIALS/FINISH:

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

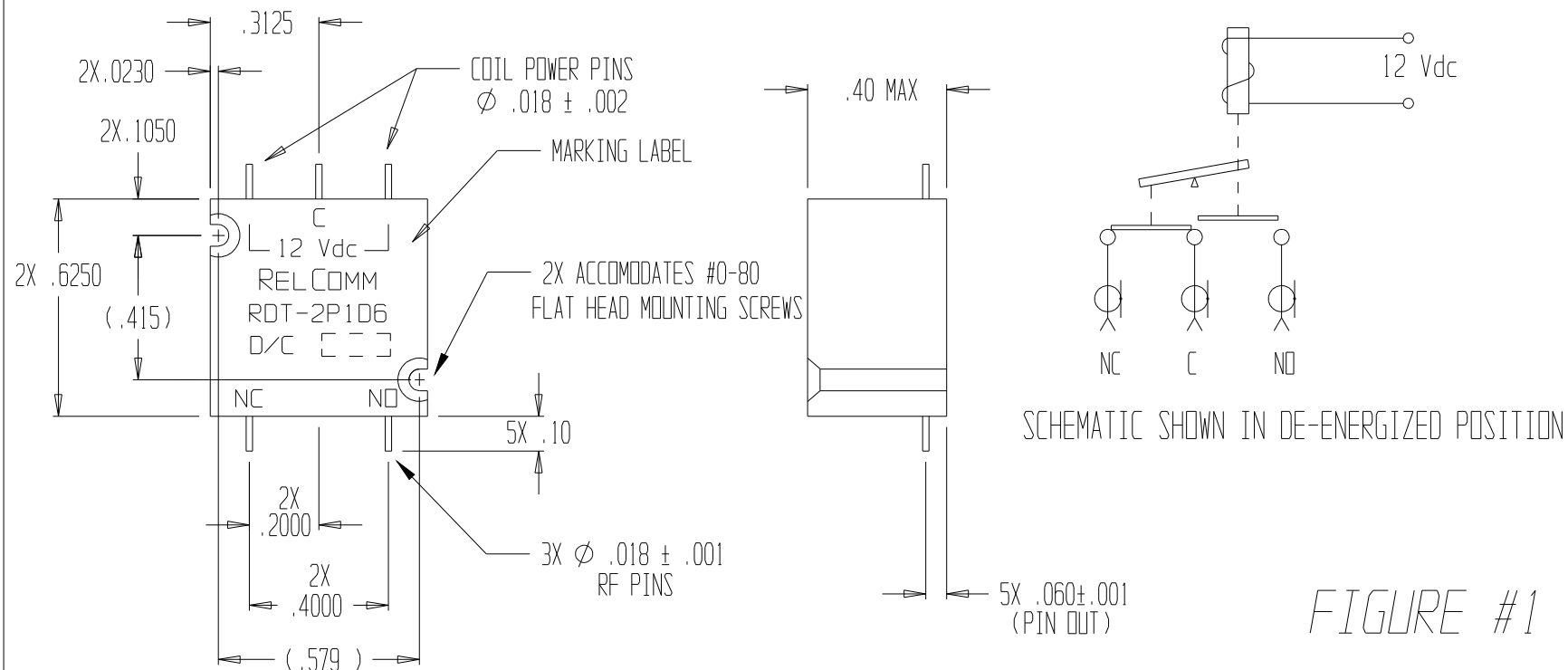
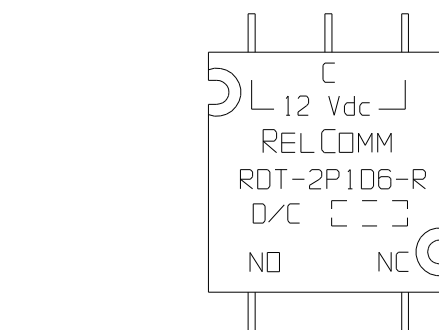


FIGURE #1



2 ALL DIMENSIONS AND SPECIFICATIONS ARE OTHERWISE SAME AS FIGURE #1

FIGURE #2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES				DR C. LEWANDOWSKI 9/18/02		REL COMM TECHNOLOGIES, INC.		
				CK M. MAGDA 10/6/02		610 BEAM STREET		
				ENG B. JONES 9/30/02		SALISBURY, MARYLAND 21801		
				MFG	TITLE COAXIAL 1P2T RELAY "FAILSAFE"			
				QA	SIZE B			
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.				DWG NO. RDT-2P1D6-*				REV 3
THIRD ANGLE PROJECTION				SCALE 2:1		DO NOT SCALE DWG		
3	1083	7/30/03	M. MAGDA	SHEET 1 OF 1				
2	1048	01/31/03	B. JONES MM					
1	1037	12/23/02	B. JONES					
REV	ECN NO.	DATE	APPROVAL					