

NOTES:

1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 lb-in (90 N-cm)
DO NOT EXCEED 12 lb-in (136 N-cm) AS DAMAGE TO CONNECTOR MAY RESULT.
3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.
4. THIS RELAY IS ROHS COMPLIANT.

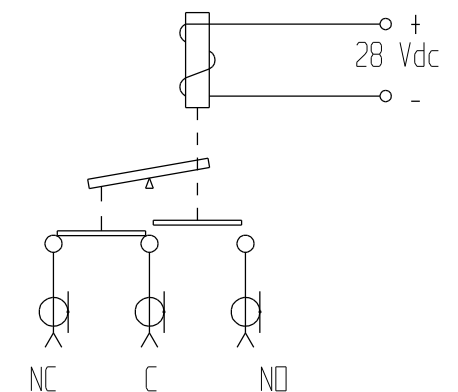
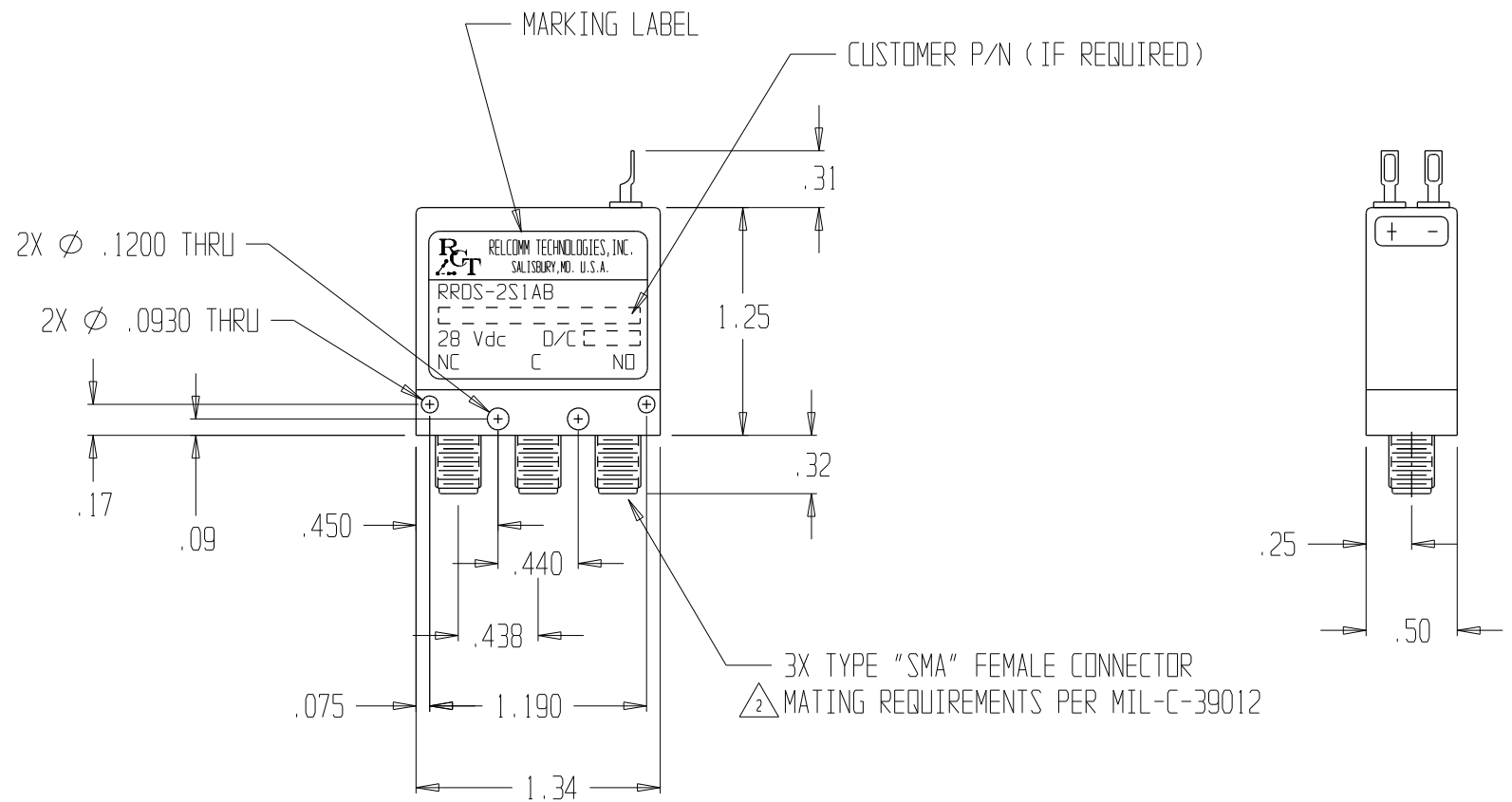
CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50			
FREQUENCY RANGE (GHz) -----	DC-4	4-8	8-12.4	12.4-18
V.S.W.R. (MAX) -----	1.2:1	1.3:1	1.4:1	1.5:1
INSERTION LOSS (dB MAX) -----	0.2	0.3	0.4	0.5
ISOLATION (dB MIN) -----	80	70	60	60
AVERAGE POWER (WATTS TYP) -----	85	55	45	35

TEMPERATURE RANGE (OPERATING) --	-40°C - +85°C
TEMPERATURE RANGE (STORAGE) ----	-55°C - +100°C
SWITCHING ACTION -----	BREAK BEFORE MAKE
OPERATING VOLTAGE (OVER TEMP) --	24 - 32 Vdc
PICKUP VOLTAGE (MAX @ 25°C) ----	20 Vdc
DROPOUT VOLTAGE -----	> 2 Vdc
ACTUATING CURRENT (mA MAX) ----	114 @ 28 Vdc & 25°C
SWITCHING TIME (MAX) -----	15 mSEC
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES
WEIGHT (OZ) -----	1.0 NOM

MATERIALS/FINISH:

HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
CONNECTORS ---	STAINLESS STEEL/PASSIVATE
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD
TERMINALS -----	Ni-Fe/Sn-96.5 SOLDER



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

				UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES .XX ± .02 FRACTIONS ± .XXX ± .010 SURFACE QUALITY .XXXX ± .0050 63/ MAX	DR A. MAGDA 11/14/06		RELCOMM TECHNOLOGIES, INC.	
				THIRD ANGLE PROJECTION	CK M. MAGDA		610 BEAM STREET	
					ENG B. JONES		SALISBURY, MARYLAND 21801	
					MFG		COAXIAL 1P2T RELAY	
1	ECN 1693	9/30/09	A. MAGDA		QA	TITLE "FAILSAFE"		
-	RELEASE	11/14/06	A. MAGDA		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.			
REV	ECN NO.	DATE	APPROVAL		SIZE B		DWG NO. RRDS-2S1AB	REV 1
						SCALE 1:1	DO NOT SCALE DWG	SHEET 1 OF 1