

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. RECOMMENDED PULSE WIDTH DURATION FOR SWITCHING RELAY, 50-500 MILLISECONDS.

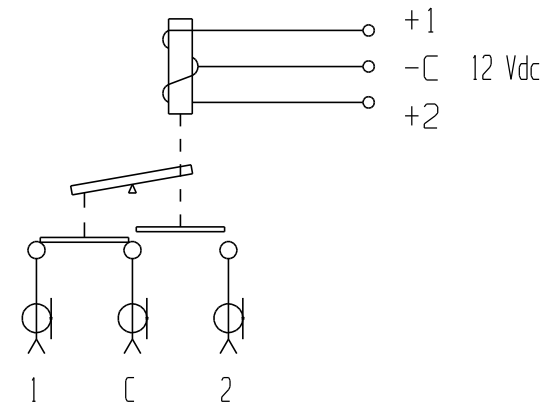
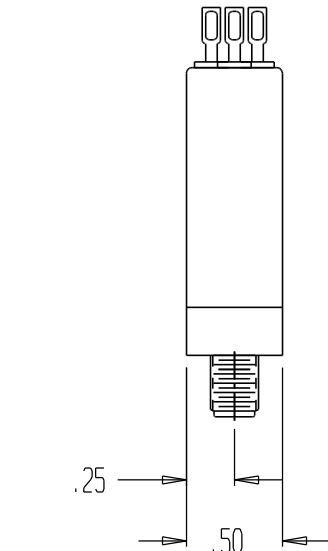
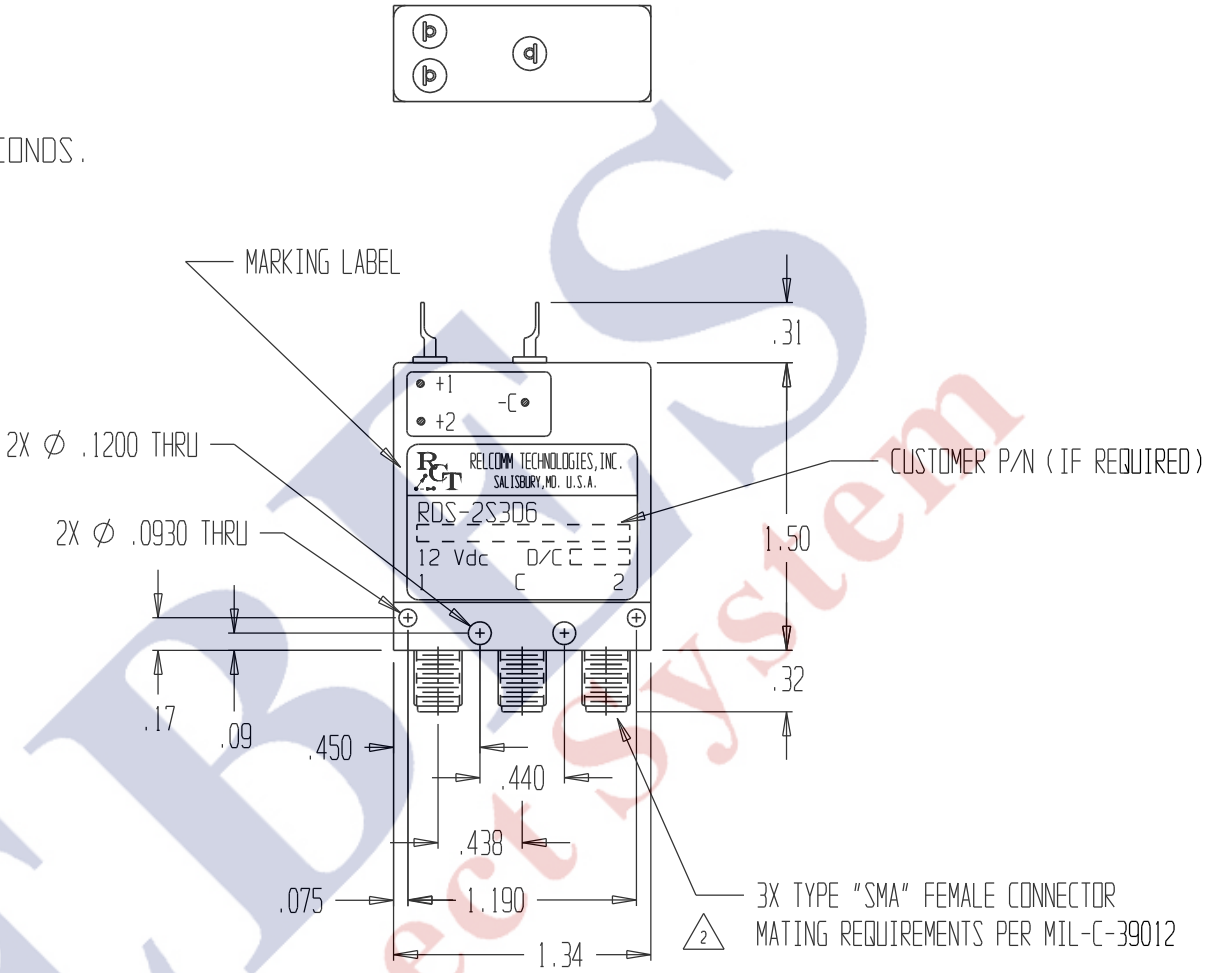
CHARACTERISTICS:

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	1.20:1	1.30:1
INSERTION LOSS (dB MAX) -----	0.10	0.15	0.20	0.30
ISOLATION (dB MIN) -----	80	80	80	70
AVERAGE POWER (WATTS TYP) -----	185	120	85	60

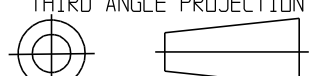
TEMPERATURE RANGE (OPERATING) --	-40°C - +85°C
TEMPERATURE RANGE (STORAGE) ----	-55°C - +100°C
SWITCHING ACTION -----	BREAK BEFORE MAKE
OPERATING VOLTAGE (OVER TEMP) --	10 - 14 Vdc
SWITCHING VOLTAGE (MAX @ 25°C) -	8.5 Vdc
ACTUATING CURRENT (mA MAX) ----	192 @ 12 Vdc & 25°C
SWITCHING TIME (MAX) -----	15mSEC
LIFE (MIN PER POSITION)-----	1 * 10^6
WEIGHT (OZ) -----	1.4 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



(SCHEMATIC SHOWN IN POSITION 1) (+1 LAST ENERGIZED)

				UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES .XX ±.02 FRACTIONS ± .XXX ±.010 SURFACE QUALITY .XXXX ±.0050 63/ MAX	DR J.WILLIAMS 06/27/03 CK B.JONES 09/04/03 ENG M.MAGDA 08/14/03 MFG QA	RC GT EXCELLENCE BY DESIGN	RELCOMM TECHNOLOGIES, INC 610 BEAM STREET SALISBURY, MARYLAND 21801		
					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.		TITLE COAXIAL 1P2T RELAY "PULSE LATCHING"		
2	ECN 1517	6/9/08	A.MAGDA	THIRD ANGLE PROJECTION 		SIZE B	DWG NO. RDS-2S306	REV 2	
1	1190	12/01/04	B.JONES			SCALE 1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1	
REV	ECN NO.	DATE	APPROVAL						