

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.

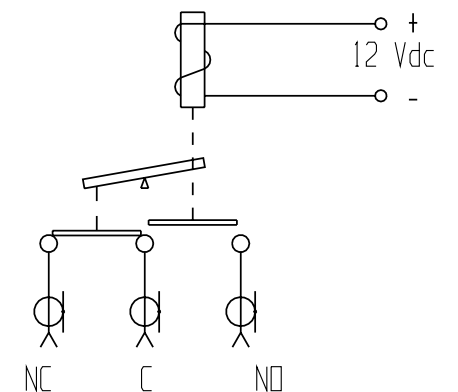
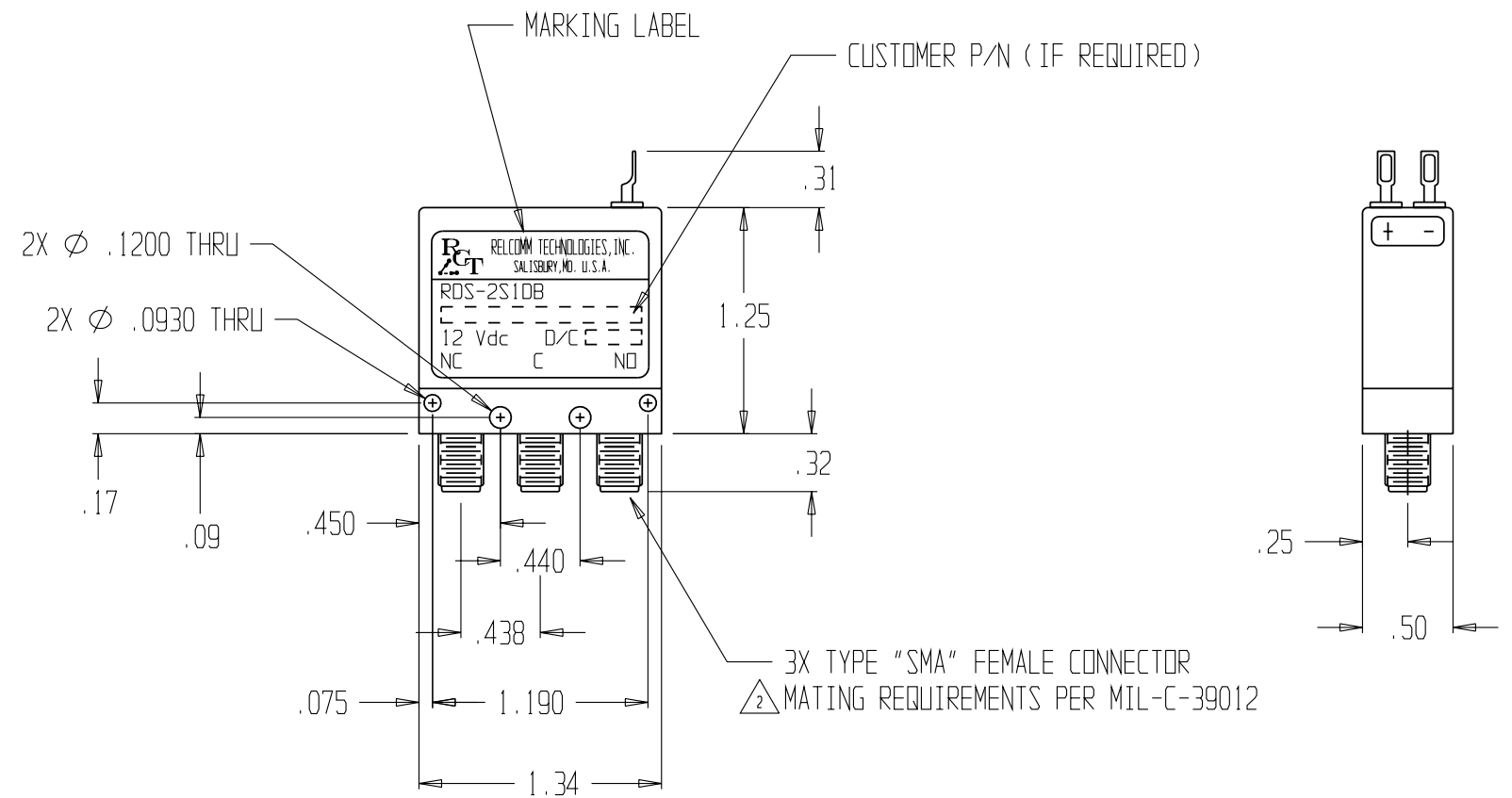
CHARACTERISTICS:

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) --	10 - 14 Vdc
PICKUP VOLTAGE (MAX @ 25°C) ----	9 Vdc
DROPOUT VOLTAGE -----	> 1.5 Vdc
ACTUATING CURRENT (mA MAX) ----	190 @ 12 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-70 SOLDER



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

6	ECN 1816	1/24/11	A.MAGDA
5	ECN 1693	9/30/09	A.MAGDA
4	1083	7/30/03	M.MAGDA
3	987	8/14/02	B.JONES MM
2	439	12/29/98	A.HUDSON AH
1	137	9/13/96	M.MAGDA MM
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
 THIRD ANGLE PROJECTION

DR	R.MANNING	9/27/94
CK	J.LAPKE	9/19/96
ENG	M.MAGDA	9/19/96
MFG		
QA		

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		RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801
TITLE COAXIAL 1P2T RELAY "FAILSAFE"		
SIZE B	DWG NO. RDS-2S1DB	REV 6
SCALE 1:1	DO NOT SCALE DWG	SHEET 1 OF 1