

NOTES:

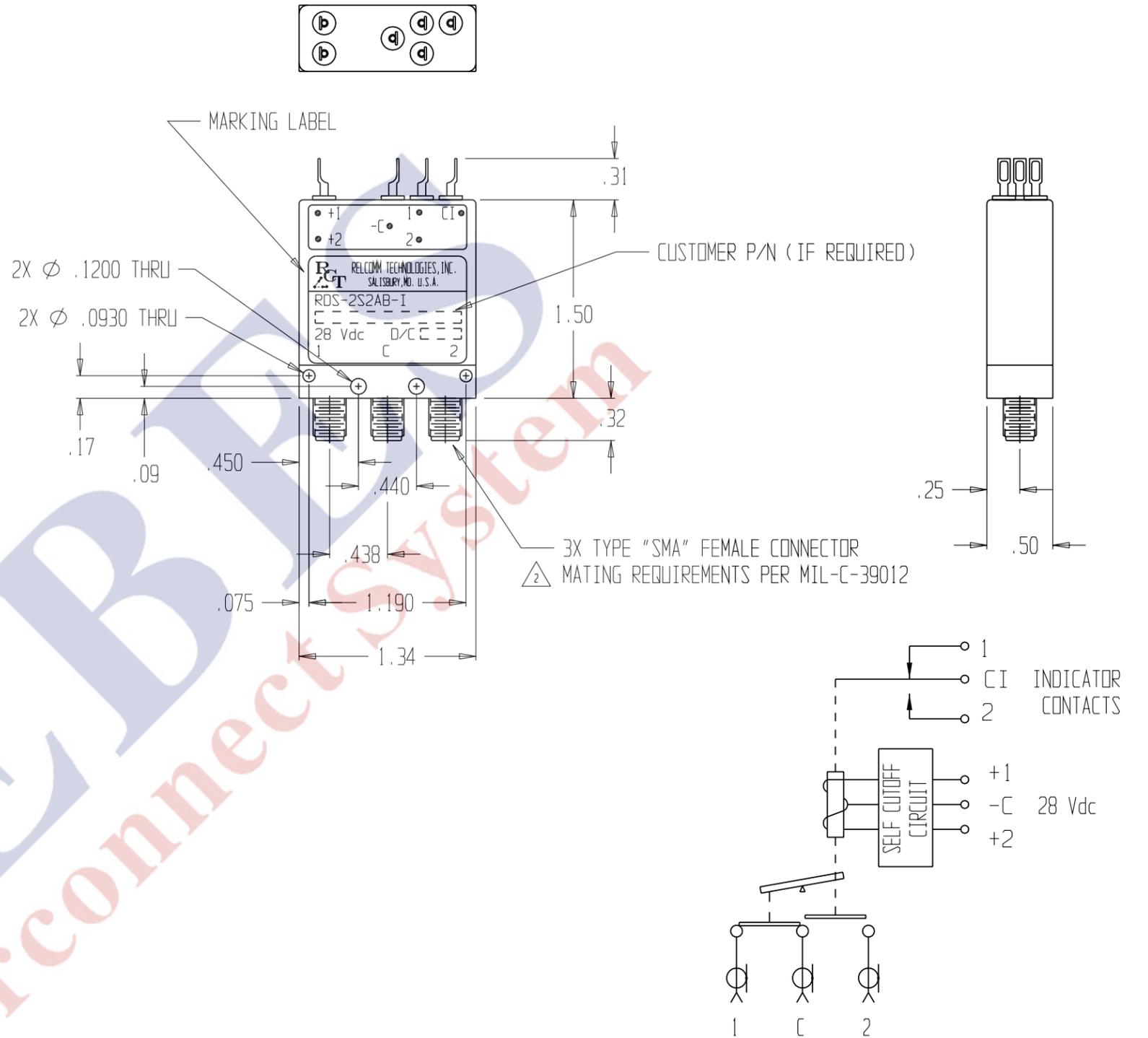
1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 lb-in (90 N-cm)
 DO NOT EXCEED 12 lb-in (136 N-cm) AS DAMAGE TO CONNECTOR MAY RESULT.
3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.

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) --	24 - 32 Vdc			
SWITCHING VOLTAGE (MAX @ 25°C) -	20 Vdc			
ACTUATING CURRENT (mA MAX) ----	100 @ 28 Vdc & 25°C			
SWITCHING TIME (MAX) -----	15 μSEC			
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES			
INDICATOR CONTACT RATING -----	5 WATTS TYP., 175 Vdc MAX., .25 A MAX			
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)

8	ECN 1948	9/11/12	A. MAGDA
7	ECN 1695	10/28/09	A. MAGDA
6	1190	10/29/04	B. JONES
5	1083	7/30/03	M. MAGDA
4	987	9/26/02	C. LEWANDOWSKI
3	137	9/16/96	M. MAGDA MM
2	101	4/15/96	M. MAGDA MM
1	74	9/8/95	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 C. POWELL 5/11/95
 CK M. MAGDA 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 "LATCHING" W/ SELF CUTOFF & INDICATORS		
SIZE B SCALE 1:1	DWG NO. RDS-2S2AB-I DO NOT SCALE DWG	REV 8 SHEET 1 OF 1