

NOTES:

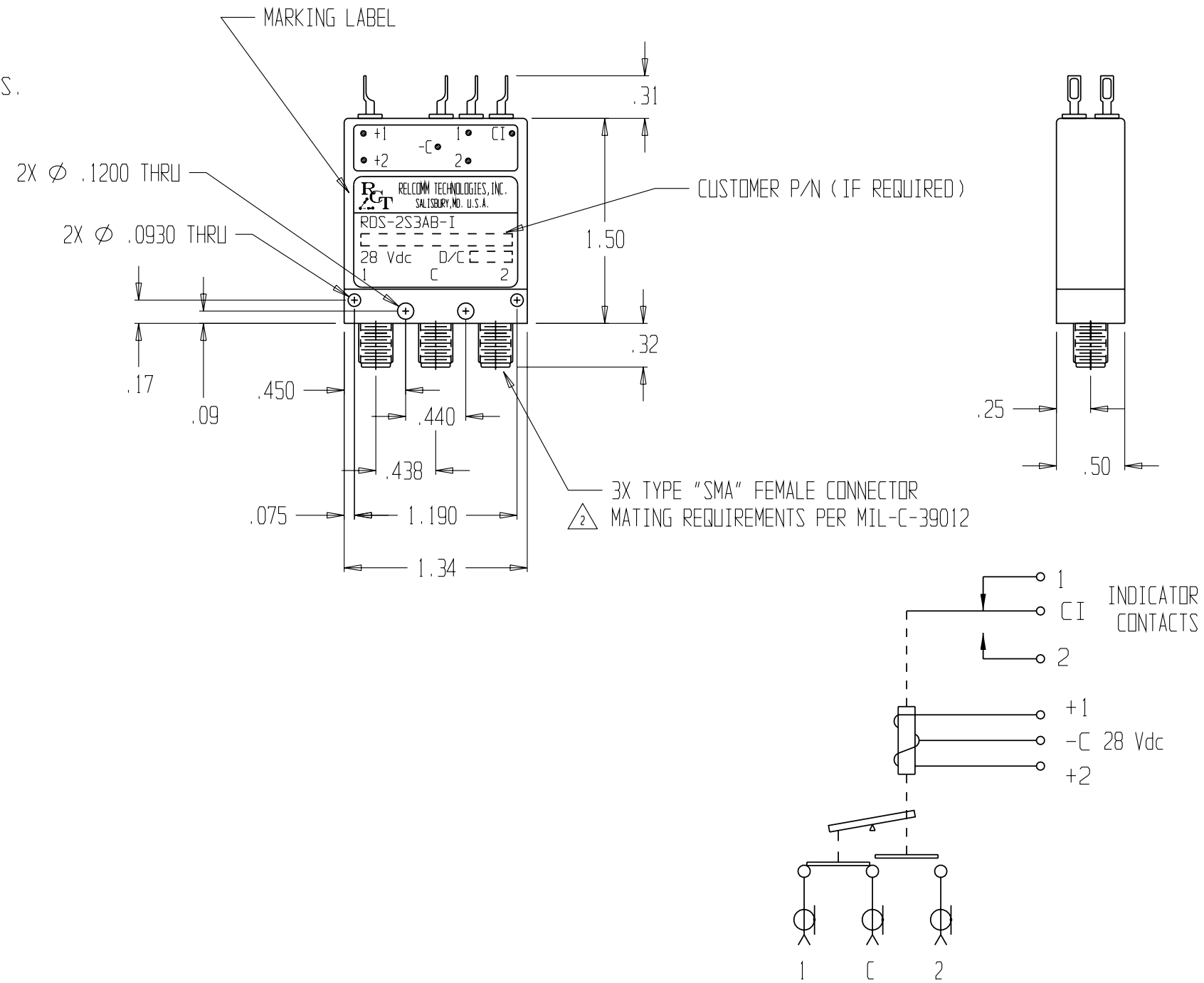
1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 lb-in (90 N-cm)
DO NOT EXCEED 12 lb-in (136 N-cm) AS DAMAGE TO CONNECTOR MAY RESULT.
3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928
4. RECOMMENDED PULSE WIDTH DURATION FOR SWITCHING RELAY, 50-500 MILLISECONDS.

CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50			
FREQUENCY RANGE (GHz) -----	DC-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) -----	15mSEC			
LIFE (MIN PER POSITION)-----	1 * 10 ^ 6 CYCLES			
INDICATOR CONTACT RATING:-----	5 WATTS TYP., 175V 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)

7	ECN 1948	9/11/12	A. MAGDA	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES .XX ± .02 FRACTIONS ± .XXX ± .010 SURFACE QUALITY .XXXX ± .0050 63/ MAX	DR M. MAGDA 4/18/95	 EXCELLENCE BY DESIGN RelComm Technologies, Inc. 610 BEAM STREET SALISBURY, MARYLAND 21801
6	ECN 1695	10/28/09	A. MAGDA		CK J. LAPKE MM 10/16/96	
5	1190	12/01/04	B. JONES		ENG M. MAGDA 10/16/96	
4	1083	7/30/03	M. MAGDA		MFG	
3	987	10/14/02	C. LEWANDOWSKI		QA	
2	137	9/27/96	M. MAGDA MM		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.	
1	95	3/19/96	M. MAGDA MM			
REV	ECN NO.	DATE	APPROVAL	THIRD ANGLE PROJECTION 	TITLE COAXIAL 1P2T RELAY "PULSE LATCHING" W/INDICATORS SIZE B DWG NO. RDS-2S3AB-I REV 7 SCALE 1 : 1 DO NOT SCALE DWG SHEET 1 OF 1	