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.

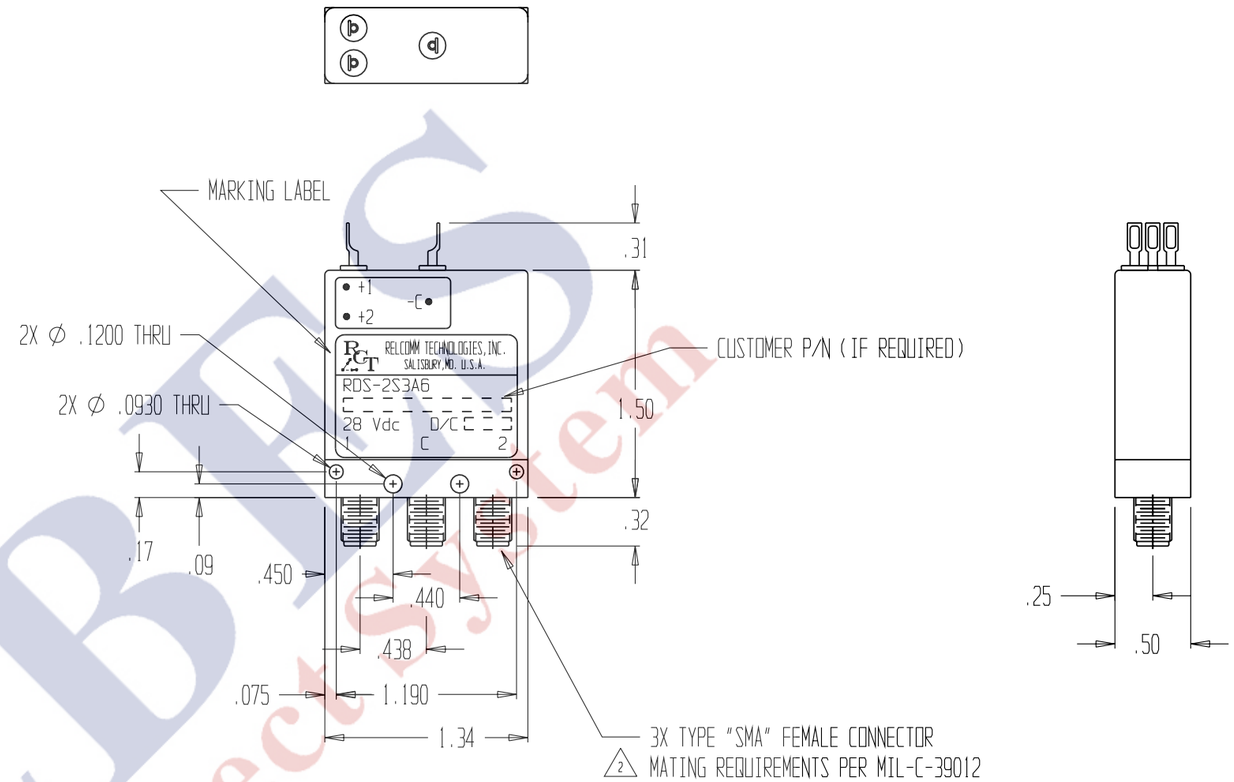
CHARACTERISTICS:

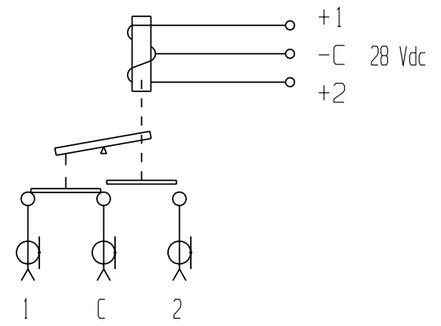
NOMINAL IMPEDANCE (OHM) --------	50			
FREQUENCY RANGE (GHz) ----------	DC-1	1-2	2-4	4-6
V.S.W.R. (MAX) ----------	1.10:1	1.15:1	1.20:1	1.30:1
INSERTION LOSS (dB MAX) --------	0.10	0.15	0.20	0.30
ISOLATION (dB MIN) ----------	80	80	80	70
AVERAGE POWER (WATTS TYP) ------	185	120	85	60

TEMPERATURE RANGE (OPERATING) --	-40°C - +85°C
TEMPERATURE RANGE (STORAGE) ----	-55°C - +100°C
SWITCHING ACTION ----------	BREAK BEFORE MAKE
OPERATING VOLTAGE (OVER TEMP) --	24 - 32 Vdc
SWITCHING VOLTAGE (MAX @ 25°C) -	20 Vdc
ACTUATING CURRENT (mA MAX) -----	82 @ 28 Vdc & 25°C
SWITCHING TIME (MAX) ----------	15 mSEC
LIFE (MIN PER POSITION)---------	1 * 10 ^ 6 CYCLES
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)

REV	ECN NO.	DATE	APPROVAL
3	1781	09/08/10	B.JONES
2	ECN 1695	10/28/09	A.MAGDA
1	1190	12/01/04	B.JONES

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	J.WILLIAMS	06/27/03
CK	M.MAGDA	08/14/03
ENG	B.JONES	09/04/03
MFG		
QA		

RELCOMM TECHNOLOGIES, INC.
610 BEAM STREET
SALISBURY, MARYLAND 21801

EXCELLENCE BY DESIGN

TITLE "PULSE LATCHING" COAXIAL 1P2T RELAY

SIZE B | DWG NO. RDS-2S3A6 | REV 3

SCALE 1:1 | DO NOT SCALE DWG | SHEET 1 OF 1