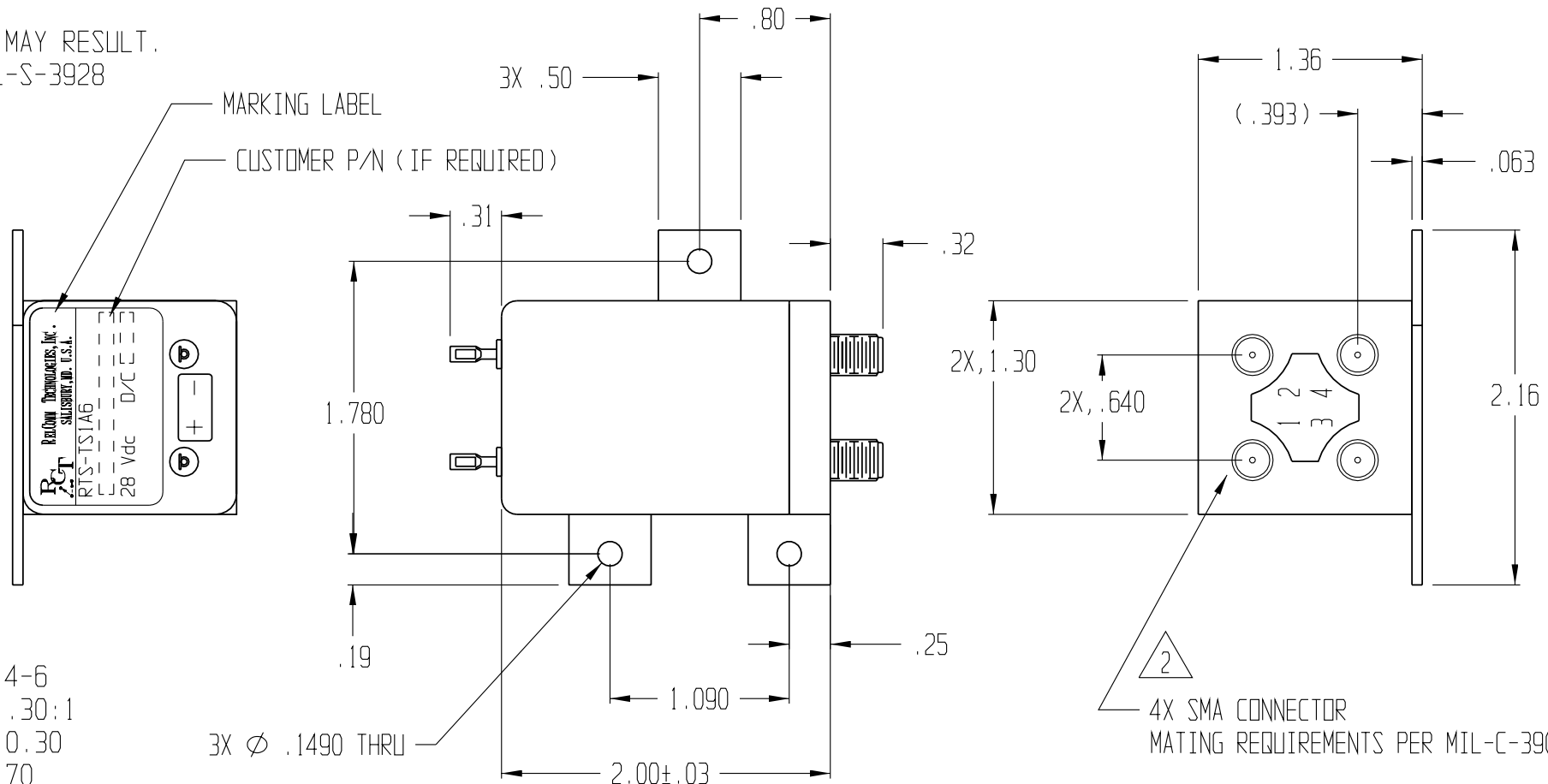


NOTES:

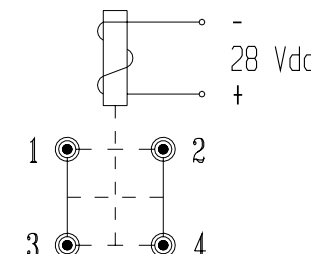
1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 LB-IN (90 N-CM) DO NOT EXCEED 12 LB-IN (136 N-CM) AS DAMAGE TO CONNECTOR MAY RESULT.
3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-S-3928



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
PICKUP VOLTAGE (MIN @ 25°C) ----	20 Vdc
DROPOUT VOLTAGE (MIN) -----	2 Vdc
OPERATING CURRENT (mA MAX) -----	227 @ 28 Vdc & 25°C
SWITCHING TIME (MAX) -----	15mSEC
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES
WEIGHT (OZ) -----	3.4 NOM



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

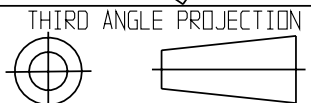
1-2 3-4 (OPEN)
1-3 2-4 (CLOSED)

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

2	ECN 1960	11/28/12	A.MAGDA
1	ECN 1513	6/16/08	A.MAGDA
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



DR J.WILLIAMS 06/27/03
CK B.JONES
ENG M.MAGDA
MFG
QA
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		RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801	
TITLE COAXIAL TRANSFER RELAY "FAILSAFE"			
SIZE B	DWG NO. RTS-TS1A6	REV 2	
SCALE 1:1	DO NOT SCALE DWG	SHEET 1 OF 1	