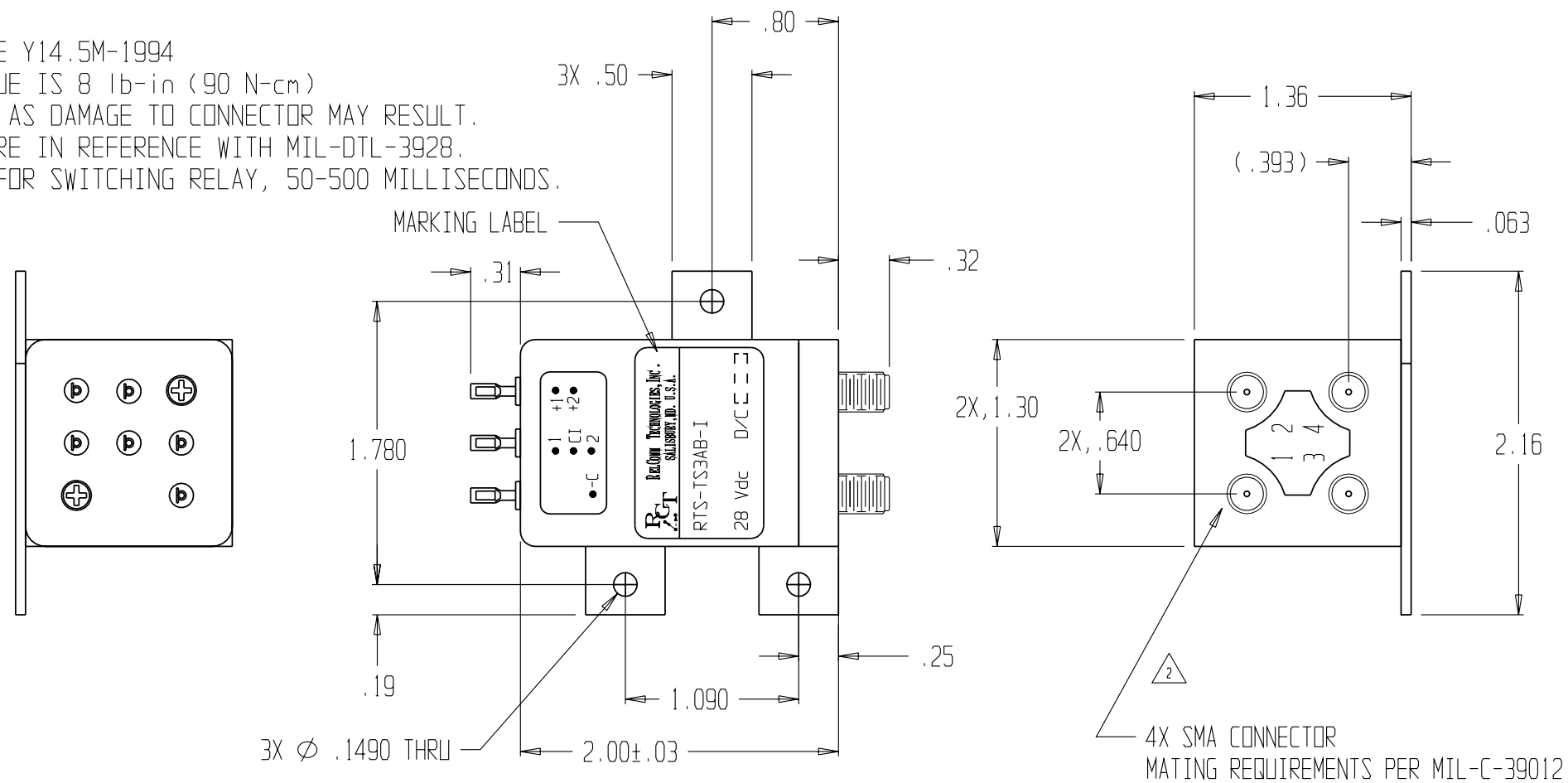


NOTES:

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	65	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 (MIN @ 25°C) -	21 Vdc
ACTUATING CURRENT (mA MAX) -----	185 @ 28 Vdc & 25°C
SWITCHING TIME (MAX) -----	15 mSEC
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES
INDICATOR CONTACT RATING MAX----	5 WATTS TYP., 175 Vdc MAX., .25 A MAX.
WEIGHT (OZ) -----	3.6 NOM

MATERIALS/FINISH:

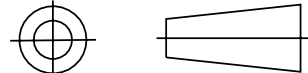
HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
CONNECTORS ---	STAINLESS STEEL/PASSIVATE
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD
TERMINALS -----	Ni-Fe/Sn-70 SOLDER

1	ECN 1542	9/25/08	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
.XXX ±.0050 63/ MAX

THIRD ANGLE PROJECTION



OR J. WILLIAMS 07/09/03
CK M. MAGDA
ENG B. JONES
MFG

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

TITLE COAXIAL TRANSFER RELAY
"PULSE LATCHING" W/INDICATORS
SIZE B DWG NO. RTS-TS3AB-I REV 1
SCALE 1 : 1 DO NOT SCALE DWG SHEET 1 OF 1

SCHEMATIC SHOWS POSITION 1 LAST ENERGIZED
POS. 1 1-2 3-4 (OPEN) 1-3 2-4 (CLOSED)
POS. 2 1-3 2-4 (OPEN) 1-2 3-4 (CLOSED)

