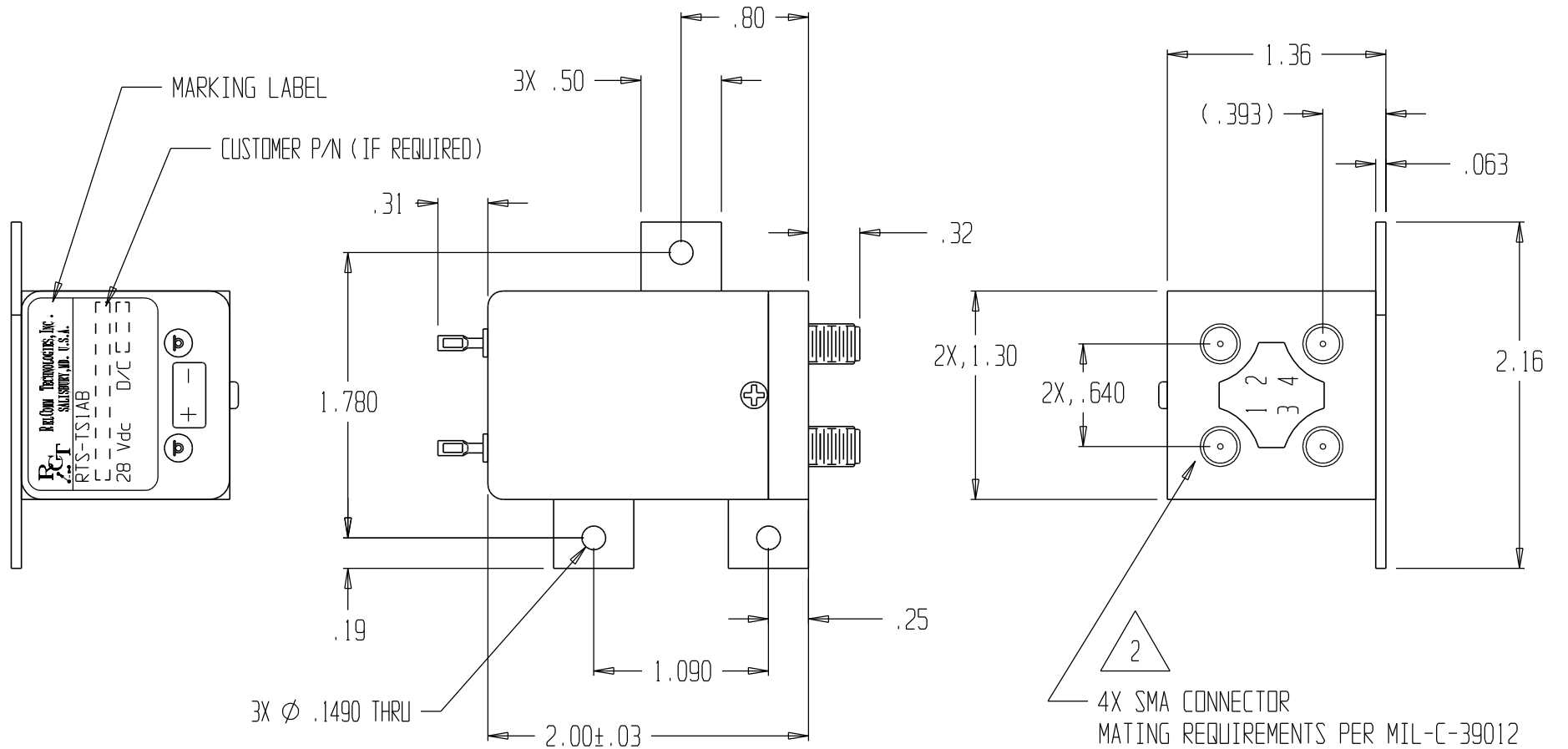


NOTES:

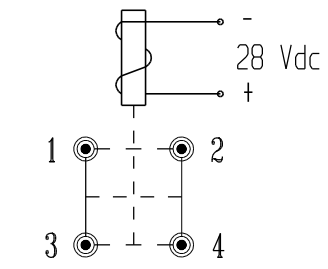
1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 LB-IN (90 N-CM) DO NOT EXCEED 12 LB-IN (136 N-CM) AS DAMAGE TO CONNECTOR MAY RESULT.
3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-S-3928.



CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50			
FREQUENCY RANGE (GHz) -----	DC-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
PICK UP VOLTAGE (MIN @ 25°C) ---	20 Vdc
DROP OUT VOLTAGE (MIN) -----	2 Vdc
OPERATING CURRENT (mA MAX) -----	227 @ 28 Vdc & 25°C
SWITCHING TIME (MAX) -----	15 mSEC
LIFE (MIN PER POSITION)-----	1 * 10 <sup>6</sup> 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

3	1513	6/16/08	A. MAGDA
2	1083	7/30/03	M. MAGDA
1	963	7/8/02	M. MAGDA MM
-	RELEASED	06/26/01	B. JONES BJ
A	PRELIMINARY	06/25/01	B. JONES BJ
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	J. BACK	06/25/01
CK	B. JONES	7/2/01
ENG	M. MAGDA	7/2/01
MFG		
QA		
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		<b>RELCOMM TECHNOLOGIES, INC.</b> 610 BEAM STREET SALISBURY, MARYLAND 21801	
TITLE COAXIAL TRANSFER RELAY "FAILSAFE"			
SIZE B	DWG NO. RTS-TS1AB	REV 3	
SCALE 1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1	