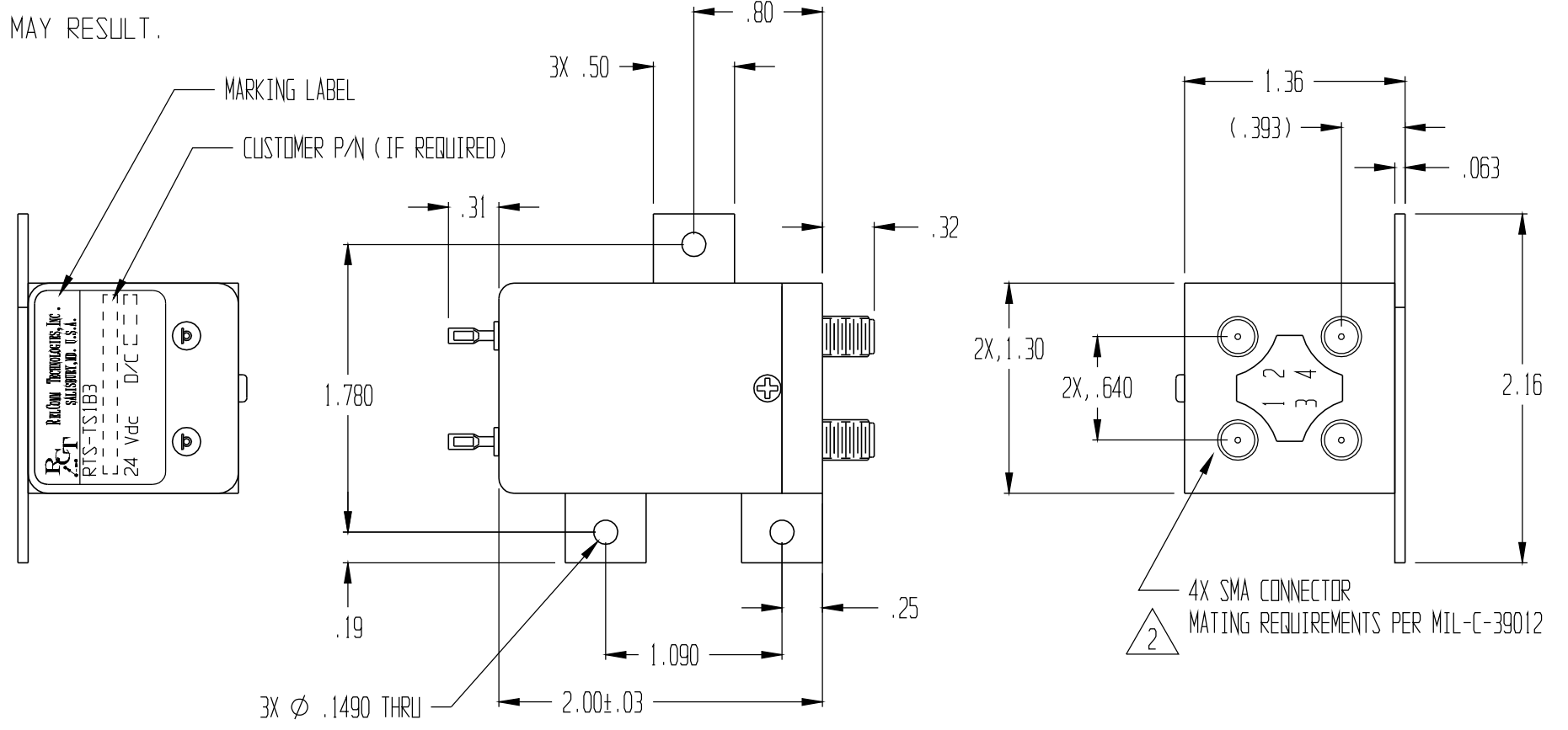


NOTES:

1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994

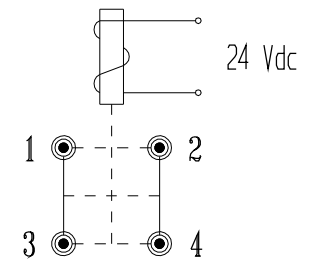
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 LB-IN (90 N-CM)
DO NOT EXCEED 12 LB-IN (136 N-CM) AS DAMAGE TO CONNECTOR MAY RESULT.



CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM)	50		
FREQUENCY RANGE (GHz)	DC-1	1-2	2-3
V.S.W.R. (MAX)	1.10:1	1.15:1	1.20:1
INSERTION LOSS (dB MAX)	0.10	0.15	0.20
ISOLATION (dB MIN)	80	80	80
AVERAGE POWER (WATTS TYP)	185	120	95

TEMPERATURE RANGE (OPERATING)	-40°C - +85°C		
TEMPERATURE RANGE (STORAGE)	-55°C - +100°C		
SWITCHING ACTION	BREAK BEFORE MAKE		
OPERATING VOLTAGE (OVER TEMP)	20- 28 Vdc		
PICKUP VOLTAGE (MIN @ 25°C)	18 Vdc		
DROPOUT VOLTAGE (MIN)	2 Vdc		
OPERATING CURRENT (mA MAX)	266 @ 24 Vdc & 25°C		
SWITCHING TIME (MAX)	15 mSEC @ 24Vdc & 25°C		
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)

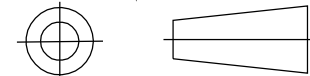
MATERIALS/FINISH:

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

1	963	7/8/02	
-	REL TO PROD	5/10/01	B. JONES BJ
A	INITIAL RELEASE	08/16/01	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	B. JONES	08/16/01
CK	M. MAGDA	10/23/01
ENG	B. JONES	10/22/01
MFG		
QA		

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REL COMM TECHNOLOGIES, INC.
610 BEAM STREET
SALISBURY, MARYLAND 21801

TITLE	COAXIAL TRANSFER RELAY "FAILSAFE"		
SIZE	DWG NO.	REV	
B	RTS-TS1B3	1	
SCALE	1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1