

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

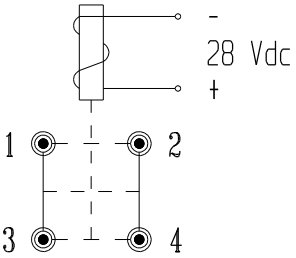
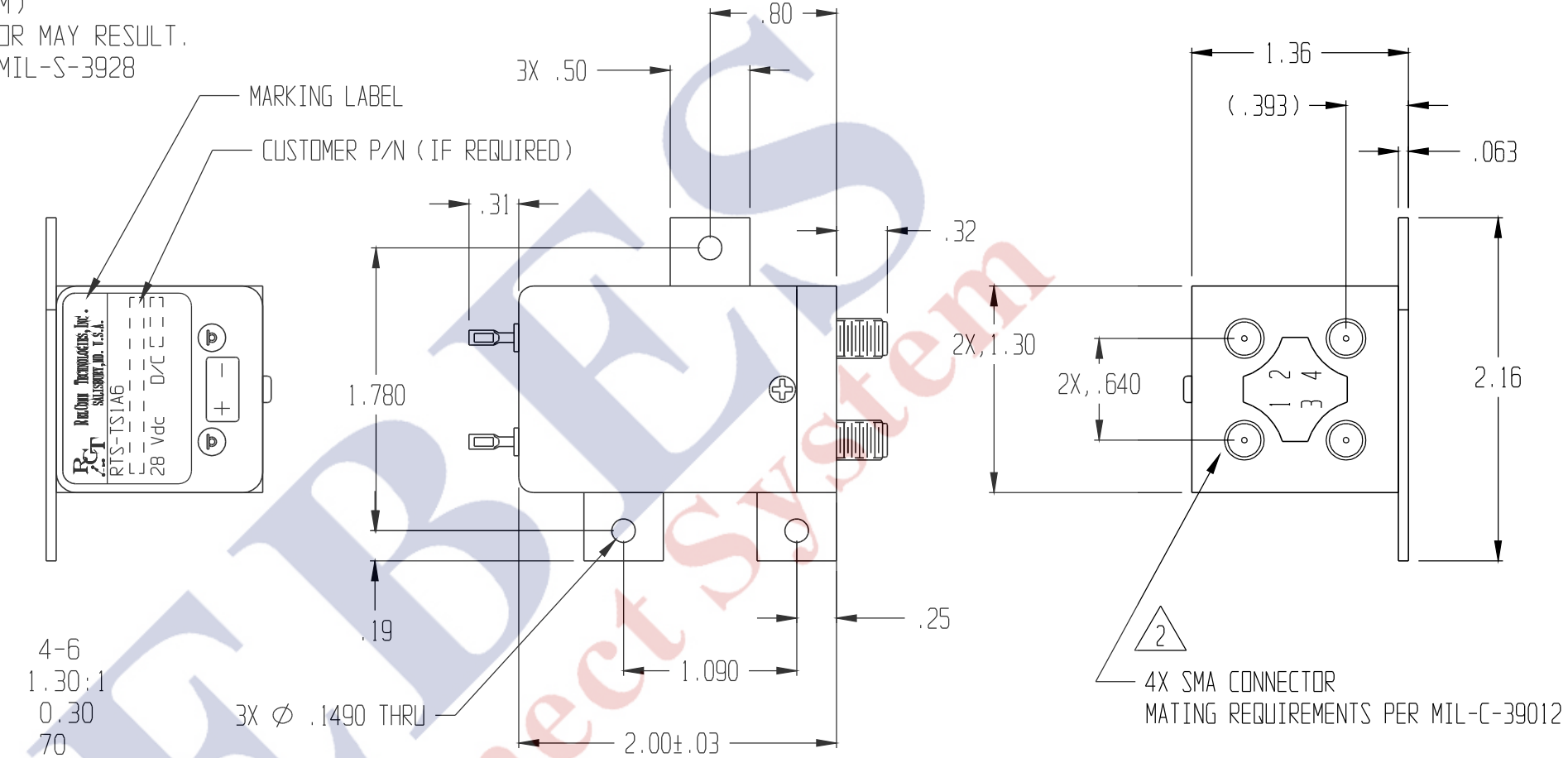
CHARACTERISTICS:

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

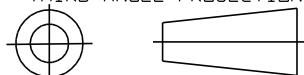
MATERIALS/FINISH:

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 DE-ENERGIZED POSITION

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

				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	RT EXCELLENCE BY DESIGN	RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801	
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1	ECN 1513	6/16/08	A.MAGDA			SIZE B	DWG NO. RTS-TS1A6	REV 1
REV	ECN NO.	DATE	APPROVAL			SCALE 1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1