

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 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

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

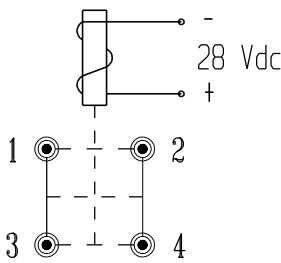
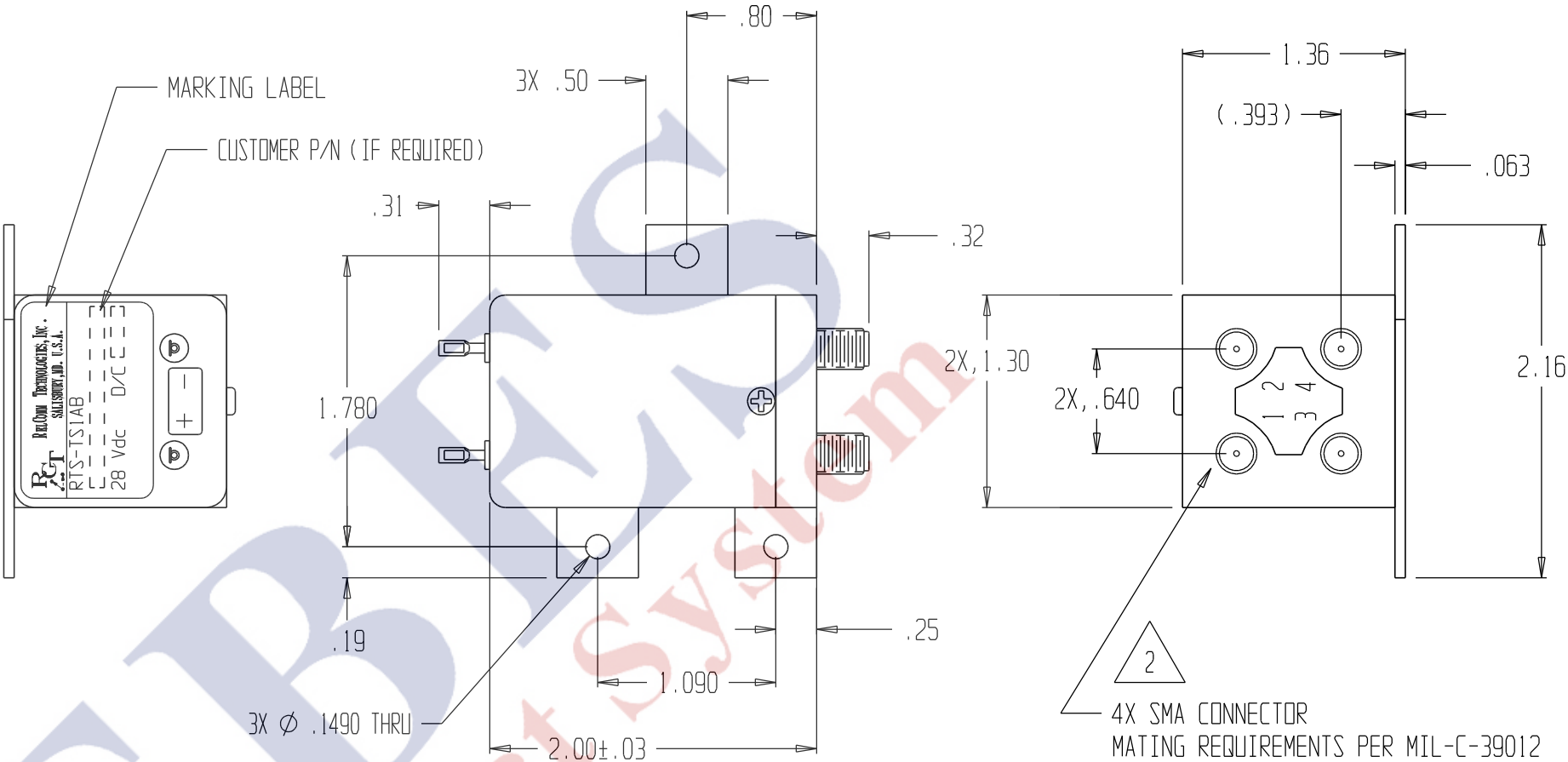
OR J.BACK 06/25/01
CK B.JONES 7/2/01
ENG M.MAGDA 7/2/01
MFG
QA
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COAXIAL TRANSFER RELAY
"FAILSAFE"

SIZE B
DWG NO. RTS-TS1AB
SCALE 1 : 1

REV 3
DO NOT SCALE DWG
SHEET 1 OF 1



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

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