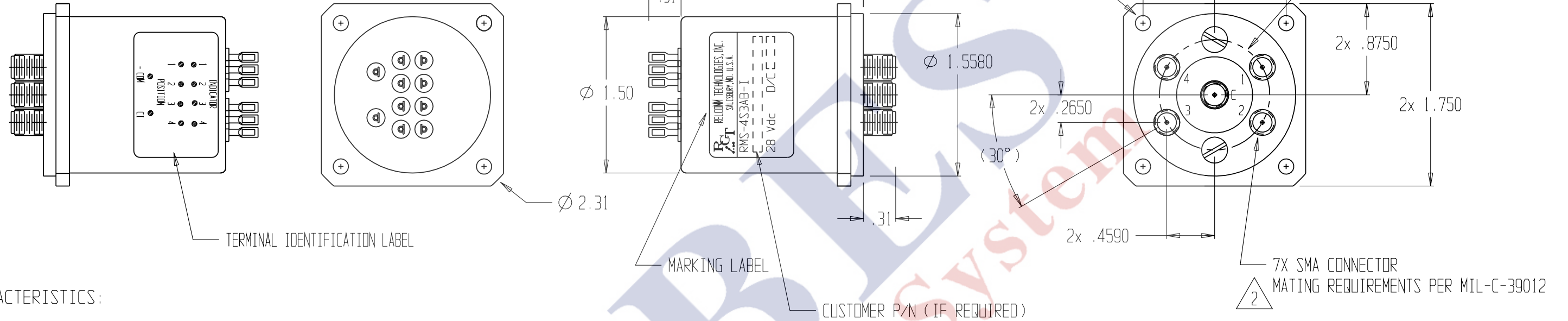


NOTES:

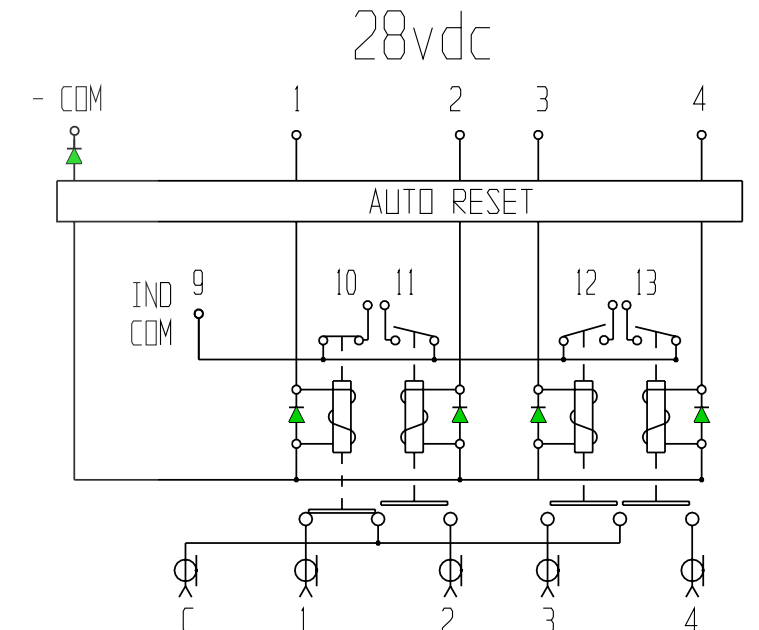
1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 lb-in (90 N-cm)
DO NOT EXCEED 12 lb-in (136 N-cm) AS DAMAGE TO CONNECTOR MAY RESULT.
3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL -S- 3928.
4. RECOMMENDED PULSE WIDTH DURATION FOR SWITCHING 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	60	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 -----	MAKE BEFORE BREAK
OPERATING VOLTAGE (OVER TEMP) ---	22 - 30 Vdc
SWITCHING VOLTAGE (MIN @20°C) --	20Vdc
ACTUATING CURRENT (mA MAX) -----	130 @ 28 Vdc & 20°C
SWITCHING TIME (MAX) -----	15mSEC
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES
INDICATOR CONTACT RATING -----	5 WATTS TYP., 175 V MAX., .25 A MAX.
WEIGHT (OZ) -----	7.0 NOM



SCHEMATIC SHOWN IN POSITION ONE (C-1)

MATERIALS/FINISH:

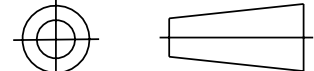
HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
CONNECTORS ---	STAINLESS STEEL/PASSIVATE
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD

-	PROD. RELEASE	10/26/06	A. MAGDA
C	CORRECT CURR.	06/15/06	A. MAGDA
B	CORRECT 1P4T	01/20/06	B. JONES
A	PRELIMINARY	12/16/04	J. WMS
REV	ECN NO.	DATE	APPROVAL

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
AND INCLUDE PLATING.

.XX ±.02	FRACTIONS ±
.XXX ±.010	SURFACE QUALITY
.XXXX ±.0050	32/ MAX

THIRD ANGLE PROJECTION



: DR J.WILLIAMS 12/16/04

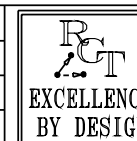
CK J. WILLIAMS

ENG B. JONES

MFG

QA

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REL COMM TECHNOLOGIES, INC.

610 BEAM STREET
SALISBURY, MARYLAND 21801

TITLE	1P4T COAXIAL RELAY 28 VDC PULSE LATCHING
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SIZE B	DWG NO. RMS-4S3AB-I	REV -
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SCALE 1 : 1	DO NOT SCALE DWG	SHEET 1 OF 1
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