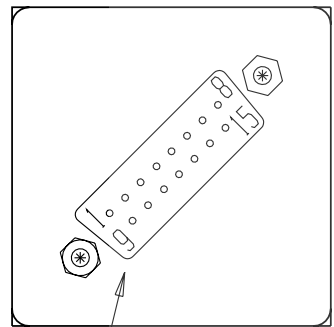


NOTES:

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. A 50 MILLISECOND MIN PULSE IS RECOMMENDED TO CHANGE POSITION
4. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.



DA15P CONNECTOR

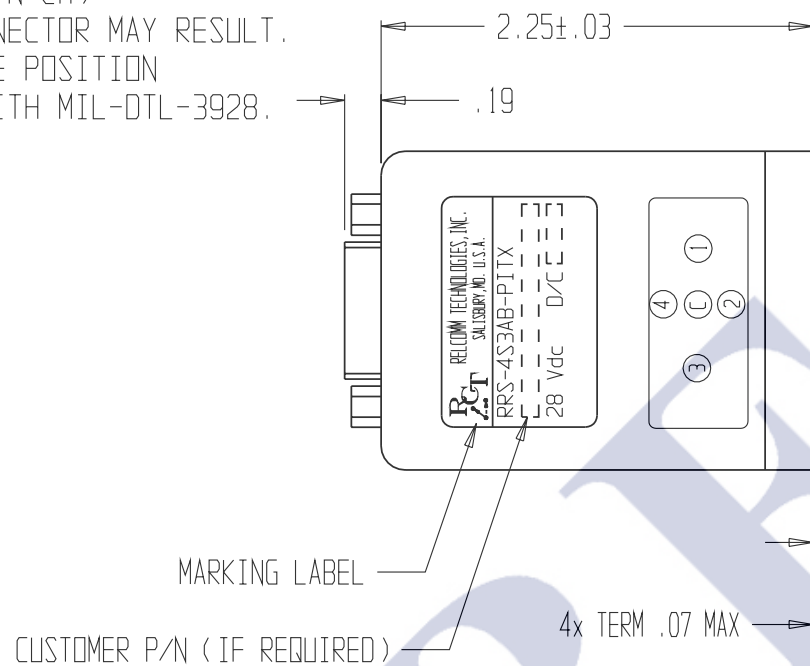
CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50
FREQUENCY RANGE (GHz) -----	DC-3 3-8 8-12.4 12.4-18
V.S.W.R. (MAX) -----	1.20:1 1.30:1 1.40:1 1.50:1
INSERTION LOSS (dB MAX) -----	0.20 0.30 0.40 0.50
ISOLATION (dB MIN) -----	80 70 60 60
TERMINATION INPUT POWER-----	2 WATTS MAX
VSWR THRU TERMINATION -----	1.8:1 MAX

TEMPERATURE RANGE (OPERATING) --	-40°C - +85°C
TEMPERATURE RANGE (STORAGE) ----	-50°C - +90°C
SWITCHING ACTION -----	MAKE BEFORE BREAK
OPERATING VOLTAGE (OVER TEMP) --	24 - 32 Vdc
SWITCHING VOLTAGE (MIN @ 25°C) -	21.0 Vdc
ACTUATING CURRENT (mA MAX) -----	155 @ 28 Vdc & 25°C
SWITCHING TIME (MAX) -----	15 mSEC
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES
WEIGHT (OZ) -----	6.0 NOM
TTL LOGIC -----	ON STATE: 2.4 - 5.5 V OFF STATE: 0 - 0.8 V
INDICATOR CONTACT RATING -----	3W MAX, 150V, .25A

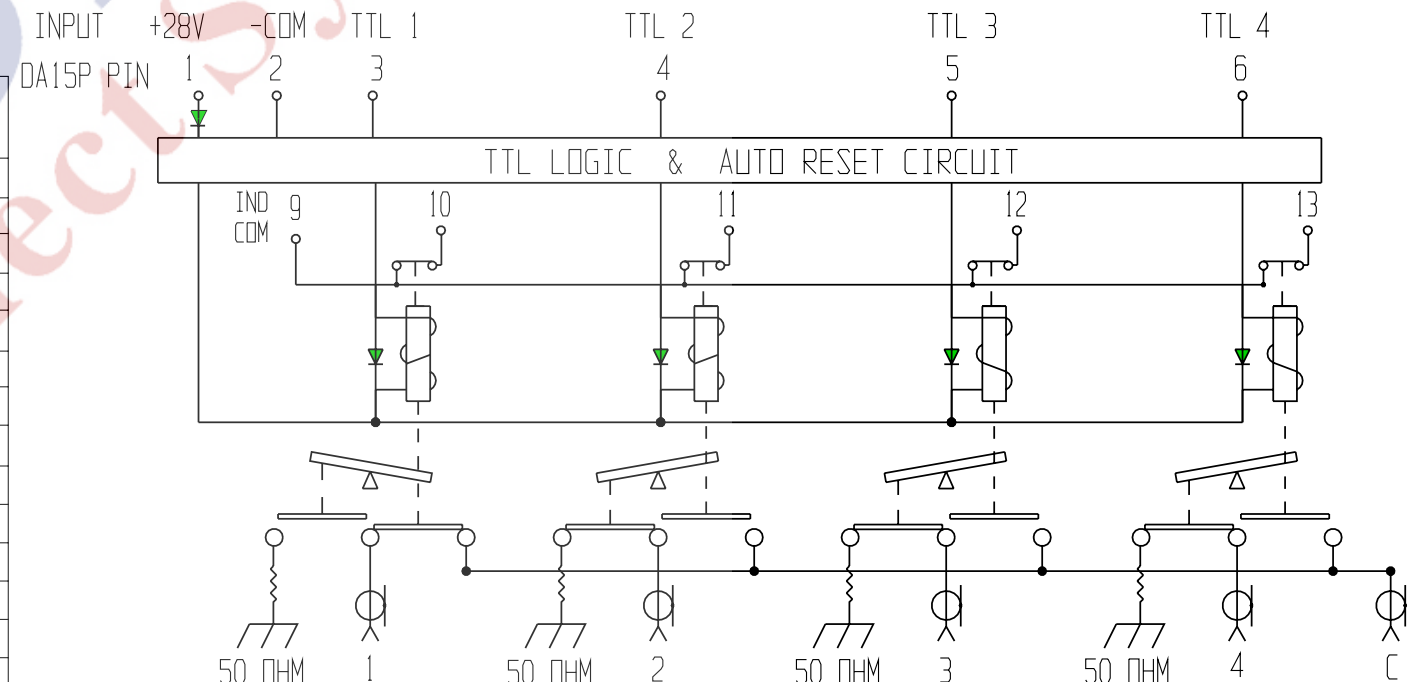
MATERIALS/FINISH:

HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
CONNECTORS ---	STAINLESS STEEL/PASSIVATE
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD PER MIL-G-45204 GRADE A & C



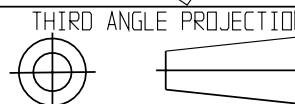
CUSTOMER P/N (IF REQUIRED)

DA15P PIN	TERMINAL FUNCTION	RF CONTACTS
1	+28 VDC	
2	- COM	
3	LOGIC 1	C-1
4	LOGIC 2	C-2
5	LOGIC 3	C-3
6	LOGIC 4	C-4
7	SPARE	
8	SPARE	
9	IND COM	
10	IND POS 1	
11	IND POS 2	
12	IND POS 3	
13	IND POS 4	
14	SPARE	
15	SPARE	



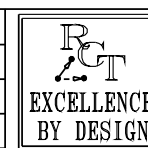
SCHEMATIC SHOWN IN POSITION 1 (TTL 1 LAST PULSED)

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
AND INCLUDE PLATING.
TOLERANCES
.XX ±.02 FRACTIONS ±
.XXX ±.010 SURFACE QUALITY
.XXXX ±.0050 63/ MAX



DR B. JONES 03/23/06
CK B. JONES
ENG M. MAGDA
MFG
QA

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RELCOMM TECHNOLOGIES, INC.
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SALISBURY, MARYLAND 21801

TITLE COAXIAL RELAY 1P4T TERMINATED "PULSE LATCHING" W/TTL & IND	
SIZE B	DWG NO. RRS-4S3AB-PITX
SCALE 1 : 1	DO NOT SCALE DWG
SHEET 1 OF 1	REV 1