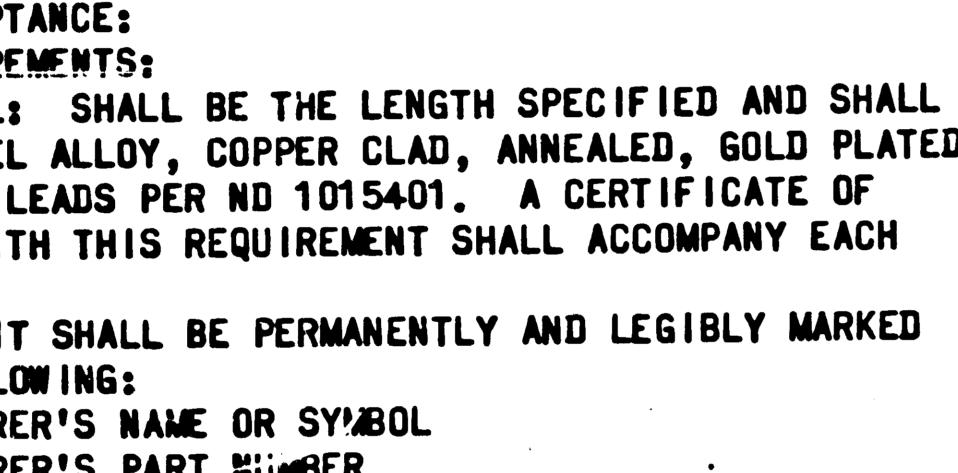
	MOTICE - WHEN GOVELINGENT BRAWINGS, SPECIFICATIONS, OR OTHER D AME USED FOR ANY PURPOSE OTHER THAN IN COMMECTION WITH A DEFINIT BELATED GOVELINGENT PROCUREMENT OPERATION, THE UNITED STATES GOVE MENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEN AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED IN ANY DAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DAT BOT TO BE BEGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MAN LICENDEDS THE HOLDER OR ANY OTHER PERDON OR CONFORTION, OR CON- ING ANY HOUTS CO PERMISSION TO BANUFACTURE, USE, OR SELL
	REQUIREMENTS: 1. GENERAL:
P	A. INTERPRET DRAWING BY MIL-D-70327. B. SUPPLIER SHALL CONF SPECIFIED IN ND 101
	C. UNITS SHALL BE CAPA QUIREMENTS SPECIFIE AMENDED BY DESIGN I
	ELECTRICAL REQUIRED SHALL TALE PRECEDED THE CLASSIFICATION
	D. THIS UNIT SHALL ME 5757 WITH THE FOLL E. PRESERVATION, PACK
	PER ND 1002215, CL FUNCTIONING OR CLO IN ND 1002215).
	2. INSPECTION AND ACCEPT
	A. MECHANICAL REQUIRE (1) LEAD MATERIAL: BE IRON NICKEL
	(DUMET) WIRE L COMPLIANCE WIT SHIPMENT.
	(2) MARKING: UNIT WITH THE FOLLO MANUFACTURE
	MANUFACTURE NASA DRAWIN Rated Coil Date Code
B	COIL RESIST CIRCUIT DIA (3) SEALING: (100
	MAXIMUM LEAK F B. ELECTRICAL REQUIRE (1) PULL-IN VOLTAG
	(2) DROP-OUT VOLTA (3) CONTACT RESIST BEFORE AND DUP
	WHEN MEASURED Source. (The Load).
	•
	PROCURE ONLY FROM AP ND 1002034 FOR THIS

ED IN ND 1002046 UNLESS MODIFIED OR REQUIREMENTS OF THIS DRAWING. ALL MENT LEVELS AS LISTED ON THIS DRAWING INCE OVER THOSE LISTED IN ND 1002046. EET ALL APPLICABLE PARAGRAPHS OF MIL-R-

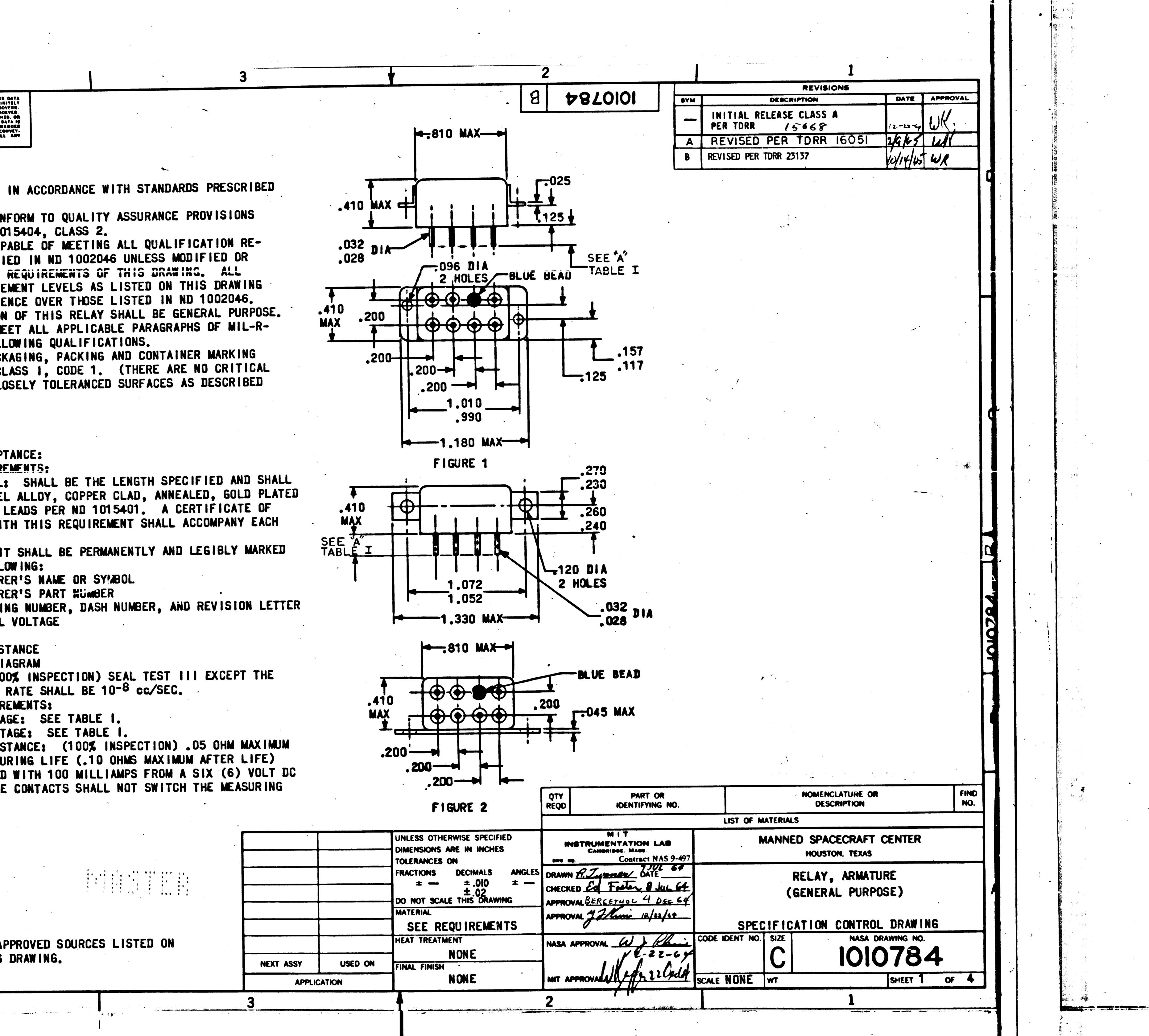
DSELY TOLERANCED SURFACES AS DESCRIBED



VOLTAGE

TANCE AGRAM O% INSPECTION) SEAL TEST III EXCEPT THE RATE SHALL BE 10⁻⁸ cc/SEC. EMENTS: GE: SEE TABLE I. AGE: SEE TABLE I.

CONTACTS SHALL NOT SWITCH THE MEASURING



		· · · 4
		NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY BELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERN MENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER AND THE FACT THAT THE GOVERNMENT WAY H. VE FORMULATED, FURNISHED, OF IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA H NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNEL LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEY ING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL AND PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.
		REQUIREMENTS: (CONTINUED)
		(4) DIELECTRIC STREATER THE FOLLOWING PO WITHOUT ARCING, (a) SEA LEVEL: 1. CONTACT
		2. CONTACT 3. CIRCUITS (b) SEA LEVEL: 1. OPEN CONTACT
		BOTH ENE 2. COIL TER (c) ALTITUDE: 1. ALL TERM
		2. ALL TERM (5) INSULATION RESI A 500 VOLT DC T (a) COIL TERMIN (b) EACH NORMAL
		(b) EACH NORMAL (c) EACH MOVABL (with coil (d) All contact The coil te
·		(6) OPERATE TIME: BIENT TEMPERATU (7) RELEASE TIME: BIENT TEMPERATU
		(8) CONTACT BOUNCE AMBIENT TEMPERA NOT TO BE INCLU
	f	3. DESIGN REQUIREMENTS: A. AMBIENT TEMPERATURE B. COIL RESISTANCE: SE
		C. LIFE: WHEN TESTED TWEEN THE MAXIMUM R 100,000 CYCLES, OVE THERE SHALL BE NO F
		THERE SHALL BE NO C THAN 1 OHM DURING A D. TERMINAL STRENGTH: E. ENVIRONMENTAL LEVEL (1) TEMPERATURE:
		(a) HIGH: +125 (b) LOW: -65°C (2) THERMAL SHOCK: (3) VIBRATION: 10-
		(4) SHOCK: 50 G, 1
		4

ENGTH: SHALL WITHSTAND FOR ONE MINUTE POTENTIALS AT THE INDICATED LEVELS, DAMAGE, OR BREAKDOWN. 1000 VOLTS RMS 60 CPS BETWEEN, TERMINALS AND COIL TERMINALS, TERMINALS AND CASE, 500 VOLTS RMS 60 CPS BETWEEN, NTACT TERMINALS OF EACH CIRCUIT (RELAY ERGIZED AND DEENERGIZED) RMINALS AND CASE. 300 VOLTS RMS 60 CPS BETWEEN, AINALS AND CASE. INALS ISTANCE: 1000 MEGOHMS MINIMUM, USING TEST POTENTIAL APPLIED BETWEEN NALS, COMMONLY CONNECTED, AND CASE _____ LLY OPEN CONTACT AND CASE LE, OR "COMMON", CONTACT AND CASE DEENERGIZED) TERMINALS, COMMONLY CONNECTED, AND ERMINALS. 5 MILLISECONDS MAXIMUM OVER THE AM-URE RANGE. 5 MILLISECONDS MAXIMUM OVER THE AM-URE RANGE. TIME: 2 MILLISECONDS MAXIMUM OVER THE ATURE RANGE. (CONTACT BOUNCE TIME IS UDED IN OPERATE AND RELEASE TIME). E RANGE: -65°C TO +125°C SEE TABLE I AT ANY OF THE ABOVE RATINGS, OR BE-RATING AND THE MINIMUM RATING, FOR ER THE AMBIENT TEMPERATURE RANGE, FAILURES AS DEFINED IN ND 1002046 AND CONTACT RESISTANCE READING GREATER ANY CYCLE. 3 LBS MINIMUM AXIAL PULL LS: 5°C -65°C TO +125°C -2000 CPS, 20 G 11 MILLISECONDS

TYPE --.055 MAX

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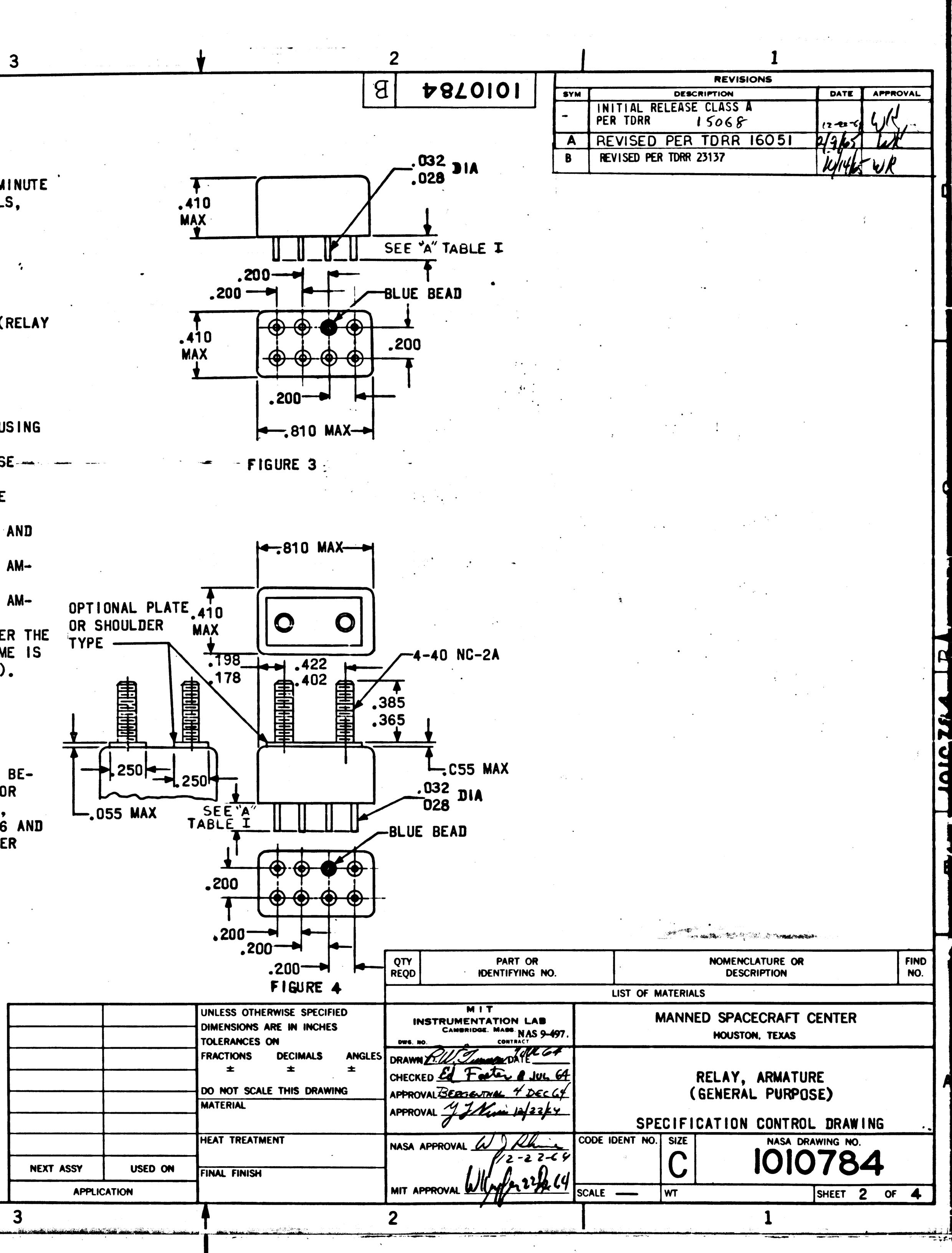
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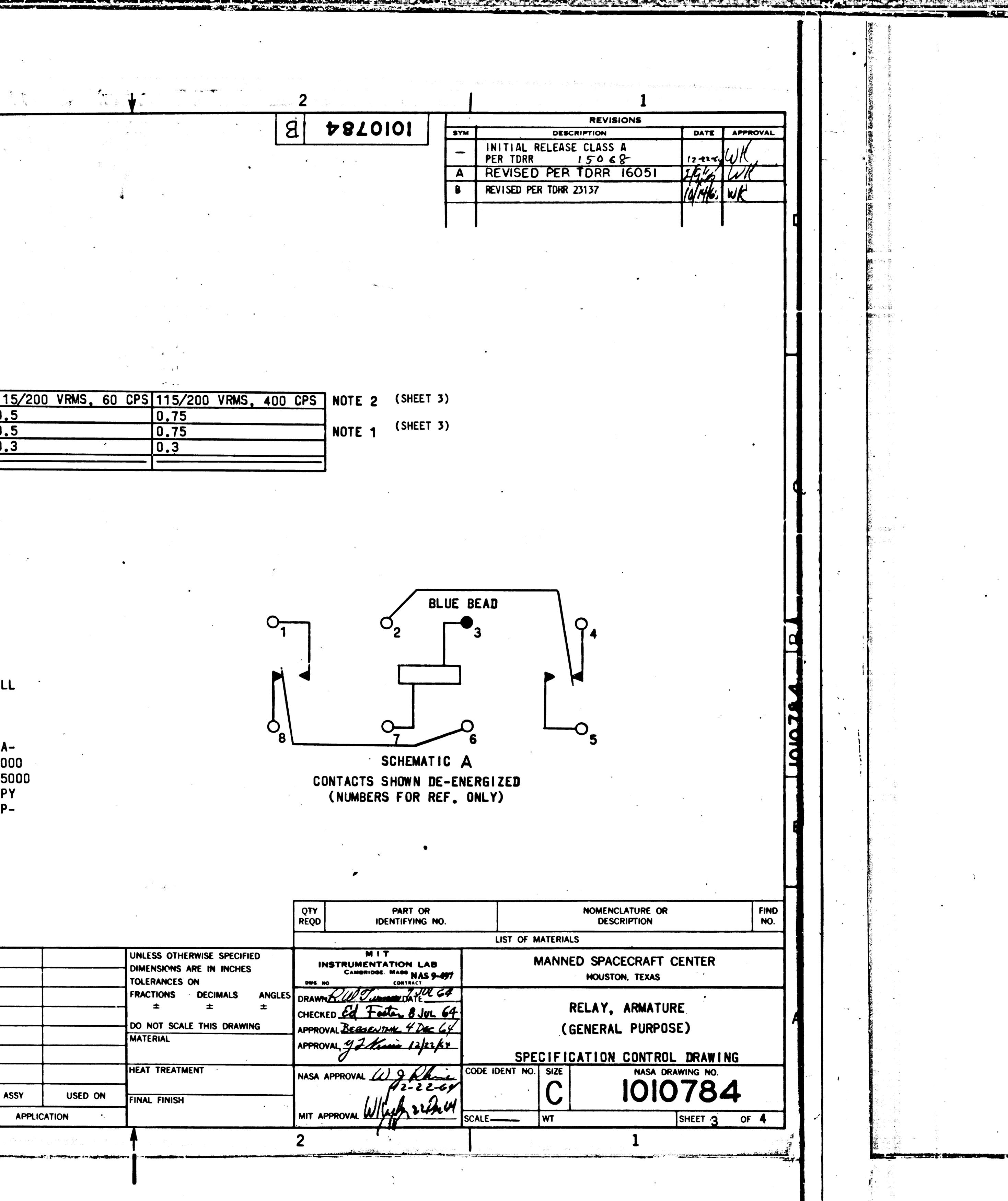
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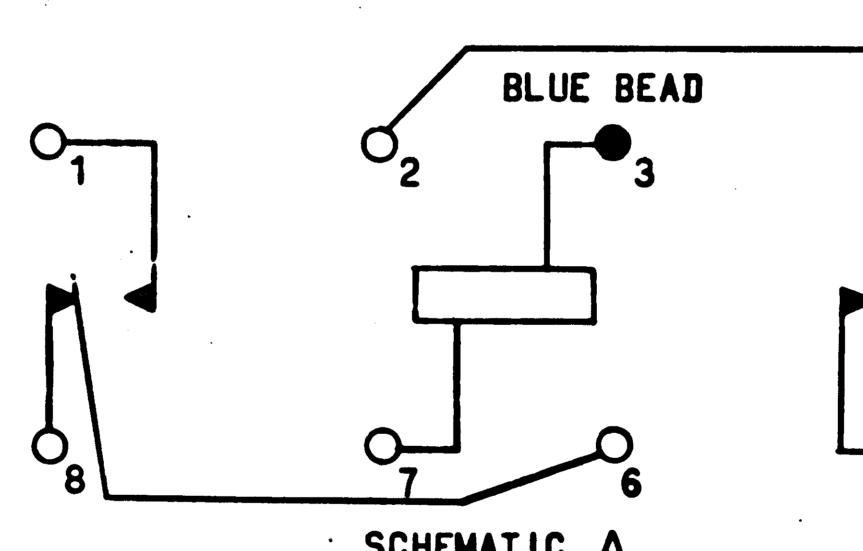


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REQUIRE	MENTS: (CONT (5) ACCELER		20 G				•		•••	B	REVISED PER TORR
D	(6) ALTITUD (7) HUMIDIT	Y: 10 [°] C	YCLES		·.	•					
	APPLICA	BLE.)		NCED IN MIL-R-5757			•				- · ·
	(2 PDT)			ION: 2 FORM C CON	TACTS		- · · · · · · · ·		таба _{ни} ,		
		INGS: (I	MAXIMUM AMP	PERES PER POLE) NOR	MALLY		•				
J. K	OPEN OR NOR COIL DISSIPATI CASE MATERIAL:	ON: 1.5 WA	TTS MAX AT +1				14 1				•
		28 VD(• •	60 CPS 115 VRMS, 4	00 CPS 115/200	D VRMS, 60	CPS 115/200	VRMS, 400 C	PS NOTE 2 (S	HEET 3)	
	RESISTI		0.5	1.0 0.75	0.5		0.75		NOTE 1 (S	HEET 3)	
	LAMP	0.5	0.5	0.5	0.3		0.3				
С	•		•						•		•
	(b) 50 (c) 50 PAI (d) RAT (e) 5 0	MILLIVOL OHMS MAX R. ED COIL PS MAXIM	ERES MAXIMUM TS MAXIMUM IMUM CONTAC VOLTAGE API	VOLTAGE CT RESISTANCE PER C PLIED NG SPEED		·	•	01		BLUE	BEAD
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PULL-IN	VOLTAGE (VO	DLTS DC)	DROP-OUT VOLT	AGE(VOLTS DC)	COIL RESISTANCE	PIN LENGTH
MAX (OVER		MIN (OVER	MAX (OVER	MIN (OVER	RANGE	иди
AMBIENT TEMP		AMBIENT TEMP	AMBIENT TEMP	AMBIENT TEMP	AT +25°C	M .
RANGE)	(AI +25°C)	RANGE)	RANGE)	RANGE)	(OHMS)	· •
18.0	9.0	5.0	14.0	1.0	745 TO 990	1.00 MIN
18.0	9.0	5.0	14.0	1.0	745 TO 990	1.00 MIN
18.0	9.0	5.0	14.0	1.0	745 TO 990	1.00 MIN
18.0	9.0	5.0	14,0	1.0	745 TO 990	1.00 MIN
9.3	4.1	2.3	7.2	0.41	170 TO 235	1.00 MIN
9.3	4.1	2.3	7.2	0.41	170 TO 235	1.00 MIN
9.3	4.1	2.3	7.2	0.41	170 TO 235	1.00 MIN
9.3	4.1	2.3	7.2	0.41	170 TO 235	1.00 MIN
18.0	9.0	5.0	14.0	· 1.0	745 TO 990	.210/.190
22.0	9.0	5.0	18.0	1.0	1350 TO 1650	.210/.190
	MAX (OVER AMBIENT TEMP RANGE) 18.0 18.0 18.0 9.3 9.3 9.3 9.3 9.3 18.0	MAX (OVER AMBIENT TEMP RANGE)MINIMUM $(AT +25°C)$ 18.09.018.09.018.09.018.09.018.09.09.34.19.34.19.34.19.34.19.34.19.39.0	PULL-IN VOLTAGE (VOLTS DC) MAX (OVER AMBIENT TEMP RANGE) MINIMUM (AT +25°C) MIN (OVER AMBIENT TEMP RANGE) 18.0 9.0 5.0 18.0 9.0 5.0 18.0 9.0 5.0 18.0 9.0 5.0 18.0 9.0 5.0 18.0 9.0 5.0 18.0 9.0 5.0 9.3 4.1 2.3 9.3 4.1 2.3 9.3 4.1 2.3 9.3 4.1 2.3 9.3 4.1 2.3 9.3 4.1 2.3	PULL-IN VOLTAGE (VOLTS DC) DROP-OUT VOLT MAX (OVER AMBIENT TEMP RANGE) MINIMUM (AT +25°C) MIN (OVER AMBIENT TEMP RANGE) MAX (OVER AMBIENT TEMP RANGE) 18.0 9.0 5.0 14.0 18.0 9.0 5.0 14.0 18.0 9.0 5.0 14.0 18.0 9.0 5.0 14.0 18.0 9.0 5.0 14.0 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 9.3 4.1 2.3 7.2 18.0 9.0 5.0 14.0	PULL-IN VOLTAGE (VOLTS DC) DROP-OUT VOLTAGE(VOLTS DC) MAX (OVER AMBIENT TEMP RANGE) MINIMUM (AT +25°C) MIN (OVER AMBIENT TEMP RANGE) MAX (OVER AMBIENT TEMP RANGE) MIN (OVER AMBIENT TEMP RAN	PULL-IN VOLTAGE (VOLTS DC) DROP-OUT VOLTAGE COIL RESISTANCE MAX (OVER MINIMUM MIN (OVER MAX (OVER MIN (OVER MIN (OVER AMBIENT TEMP AMBIENT TEMP AT +25°C (0HMS) 18.0 9.0 5.0 14.0 1.0 745 TO 990 18.0 9.0 5.0 14.0 1.0 745 TO 990 18.0 9.0 5.0 14.0 1.0 745 TO 990 19.0 19.3 4.1 2.3 7.2 0.41 170 TO 235 19.3 4.1 2.3 7.2 0.41 170 TO 235 18.0

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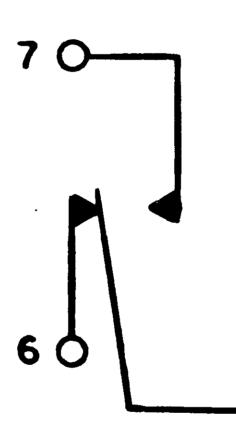
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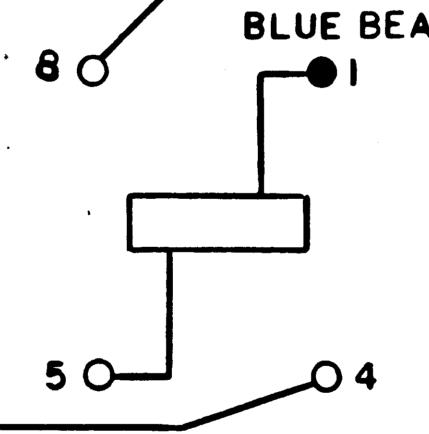
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SCHEMATIC B CONTACTS SHOWN DE-ENERGIZED (NUMBERS FOR REF ONLY)

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