STANDARD DRAWING

TMC PART NUMBER	SINGLE LOGIC DECIMAL INPUT : DECIMAL READOUT					
	MODEL	SINGLE VOLTAGE		TYP. SINGLE CURRENT		INTERNAL INPUT RESISTOR
		ON	OFF	ON	OFF	
IC101-1	101	-4 TO -10	-.5 TO +2	-3MA @ -6V	+25uA TYP +200uA MAX @ 0V	*

NOTE:

1-* THESE MODELS HAVE EMITTER INPUT TYPE DRIVER CIRCUITS WITHOUT A SERIES INPUT RESISTOR. THE ON CURRENT INCLUDES TUBE CURRENT (APPROXIMATELY 2.5 ma) AND DRIVE CURRENT WHICH IS INTERNALLY LIMITED TO APPROXIMATELY .5ma.

2- BEZEL: USE LENS INDICATOR LI108-
(A) WHEN 2 UNITS ARE GROUPED, USE END STYLE.
(B) WHEN MORE THAN 2 ARE USED, USE END AND CENTER STYLES AS REQUIRED.

BODY-(FRONT SECTION): DIALLYL PHTHALATE (BLACK)
BODY-(REAR SECTION) : POLYCARBONATES
HEADER- EPOXY GLASS LAMINATE
TERMINALS: SOLDER LUG/TAPER TAB, BRASS, CADMIUM PLATE

3- FOR SPARE PARTS ONLY
NIXIE TUBE NO.: BURROUGHS CORP 8422 (B-5991)

ENVIRONMENTAL SPECIFICATIONS

TEMPERATURE RANGE: DRIVER ASSEMBLY, OPERATING AND STORAGE-65°C TO +85°C AT 95% HUMIDITY, MAXIMUM WITH SILICON TRANSISTORS: -40°C TO +65°C WITH GERMANIUM TRANSISTORS, NIXIE TUBE: -20°C TO +55°C

SHOCK: 250G, 1.5 ± 1 MILLISECOND DURATION, 1/2 SINE WAVE PULSE.

VIBRATION: 10, 50, 50 CPS, .08 INCH DOUBLE AMPLITUDE EXCURSION, FIVE MINUTES DURATION PER MIL-E-ID.

NOTES

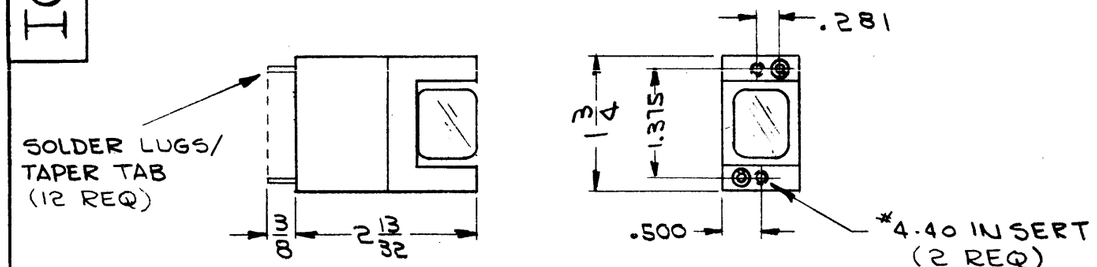
A

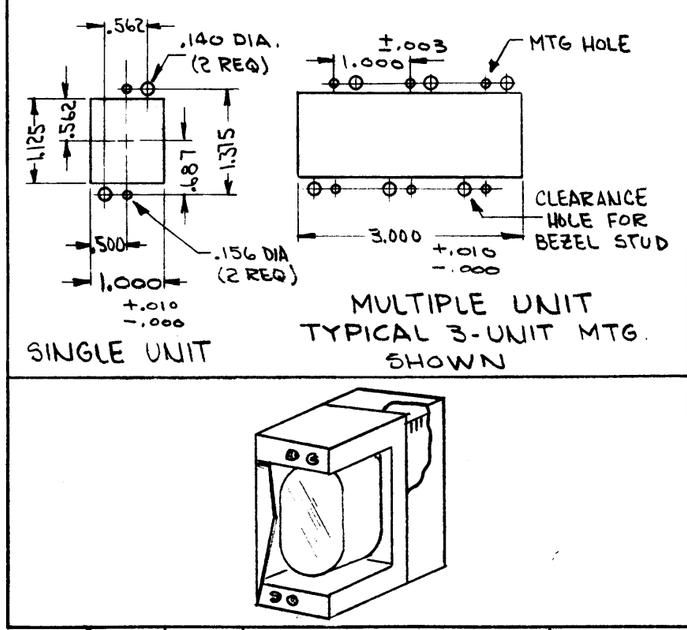
IC101

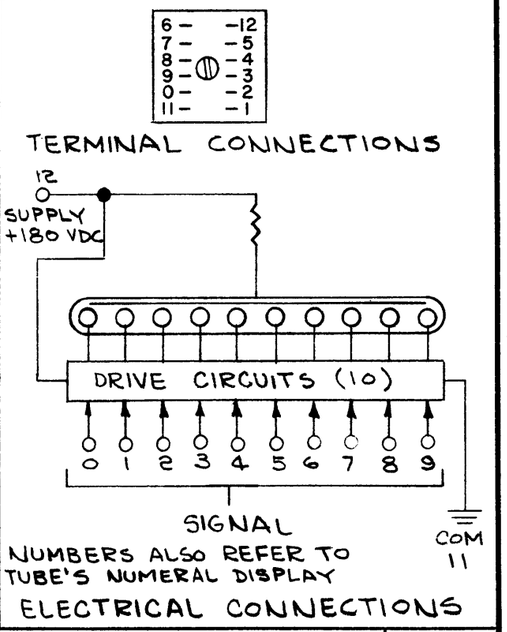
REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPERIMENTAL RELEASE	9-8-64	X			
Ø	ORIGINAL RELEASE FOR PRODUCTION	9-11-64	Ø			
A	ADDED NOTE 3	7-22-66	16622			

TOLERANCE: DECIMAL ±.010
FRACTION ± 1/32







REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

EATON — LIST OF MATERIAL

MATERIAL —

FINISH —

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

TITLE: INDICATOR, DIGITAL DISPLAY

Q'T'Y./UNIT	MODEL USED ON	ASS'Y. NO.
	RTIU-1	

SCALE 1:2 | CODE C | 5401-318

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS .X ± .05, .XX ± .01, .XXX ± .005 — TOLERANCES — FRACTIONS ± 1/64, ANGLES ± 0° 30'

		DATE
DRAWN	[illegible]	9-8-64
CHECKED	@	9-10-64
ELECT. DES.	[illegible] 9/14/64	
MECH. DES.	JC	9/10/64

FINAL APPROVAL — DATE

IC101 — A

SHEET — REV. LTR.

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.