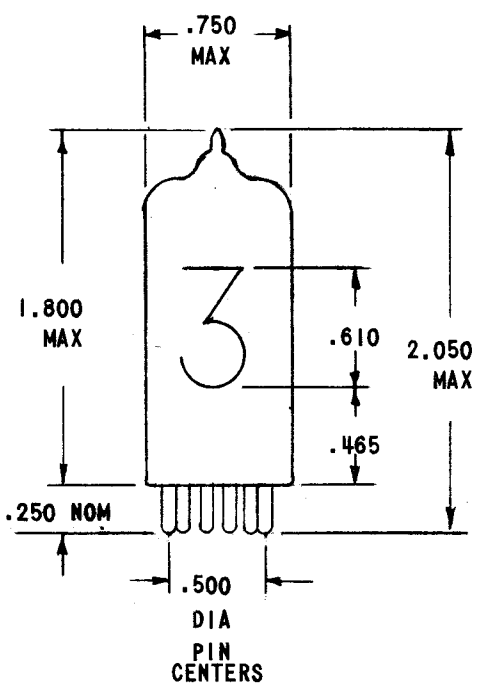


TMC P/N	MFR P/N	AMOUNT OF CHARACTERS	DESCRIPTION
B1117-1	NL840/8754	10	0 TO 9
-2	NL841	10	0 TO 9 (INDEPENDENT DECIMAL POINT TO LEFT OF NUMERALS)
-3	NL842 CK1917	10	0 TO 9 (INDEPENDENT DECIMAL POINT TO RIGHT OF NUMERALS)
-4	NL843	2	SYMBOLS + AND -

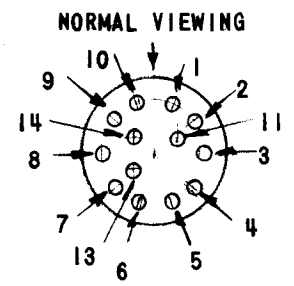
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	x	EXPERIMENTAL RELEASE	2/26/68			C.V. [Signature]
	X1	UPDATED & REVISED	10/25/68			C.V. [Signature]
	Ø	ORIG. RELEASE FOR PROD		Ø		R.G. [Signature]

TECHNICAL INFORMATION

IONIZATION VOLTAGE (MAX)	170VDC
SUPPLY VOLTAGE (MIN)	170VDC
CATHODE CURRENT	
PEAK (MAX)	3.5 mA
AVERAGE (MAX)	3.0 mA
AVERAGE (MIN)	1.5 mA
DECIMAL POINT CURRENT	
AVERAGE (MAX)	0.7 mA
AVERAGE (MIN)	0.2 mA
PREBIA LIMITS	50V TO 120VDC
TEMPERATURE LIMITS	-20°C TO +55°C
REDUCED LIFE	-65°C TO +85°C
LIFE (DYNAMIC)	200,000 HOURS
WEIGHT	0.3 OZ
MOUNTING POSITION	VERTICAL WITH PINS 1 & 10 IN FRONT



PIN CONNECTIONS			
PIN NUMBER	NL840	NL-841 NL-842	NL-843
1	7	7	
2	5	5	
3	8	8	
4	ANODE	ANODE	ANODE
5	1	1	
6	4	4	+
7	2	2	-
8	6	6	
9	9	9	
10	3	3	
11	INT CONN	DECIMAL PT	NO CONN
12	NO PIN	NO PIN	NO PIN
13	0	0	INT CONN
14	INT CONN	INT CONN	INT CONN



QTY / UNIT	MODEL USED ON	ASS'Y NO.
	HFRR-4	
APPLICATION		
	CODE A	
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DATE
DECIMALS	FRACTIONS	DATE
.X ± .05	1/64	
.XX ± .01	TOLS. ANGLES	DATE
.XXX ± .005	0° -30'	10/23/68
MATERIAL		DATE
FINISH		2/29/68

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
HOGAN LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
INDICATOR, DIGITAL DISPLAY				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	BI 117	Ø	
SCALE	SHEET		OF	