136ES404

DEC 6 1988

P.C.B MTL. NP424 OR EQUIV. (SUPERPUNCH)

ELECTRICAL AND OPTICAL CHARACTERISTICS T_A = 25°C Room Temperature

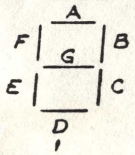
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
Segment Light Intensity (Peak)	2.5mA/Segm.Peak	0.16	0.37		mcd
Digit Light Intensity (Peak)	2.5mA/Segm.Peak	1.12	2.59		mcd
Segment Forward Voltage	5.0mA/Segm. dc		1.65	2.0	V
Reverse Voltage	100μA/Segm.	3.0	8.0		V
Intensity Matching			±33		%
Peak Wavelength			660		nm
Spectral Width, Half-Intensity			40.		nm
Viewing Angle, Off Axis, Horizontal			19		Degrees
Viewing Angle, Off Axis, Vertical			19		Degrees

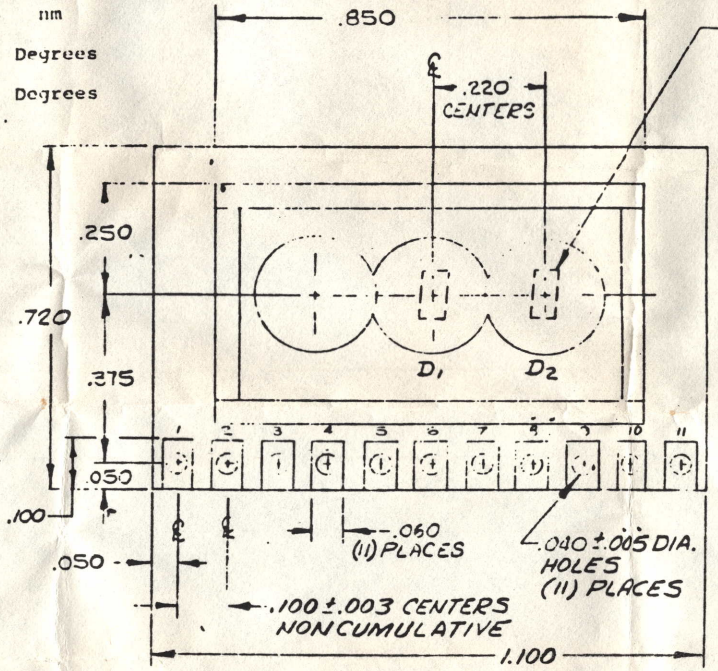
ABSOLUTE RATINGS

Average Current Per Segment	0.25mA min, 7.0mA max
Peak Current Per Segment	2.5mA min, 70mA max
Reverse Voltage	3.0V max
Digit Current Pulse Width	1.0ms max
Operating and Storage Temperatures	-20°C to +70°C
Relative Humidity at +35°C	98% max
Terminal Temperature (Soldering, 5 seconds)	230°C max

PIN #	DESIGNATION
1	N.C.
2	Digit 1 Cathode
3	Segment E Anode
4	Segment C Anode
5	Segment D Anode
6	N.C.
7	Digit 2 Cathode
8	Segment G Anode
9	Segment F Anode
10	Segment B Anode
11	Segment A Anode

SEGMENT INDENTIFICATION





NOTE: ALL TOLERANCES TO BE ±.015 UNLESS OTHERWISE SPECIFIED

PARTS ARE TO WITHSTAND WITHOUT DETERIORATION OR LOSS OF MARKING, 3 MINUTES IMMERSION AT BOILING POINT IN THE FOLLOWING SOLVENTS: ISOPROPYL ALCOHOL, METHYL ALCOHOL, ETHYL ALCOHOL, FREON TF.

VENDORS MUST BE APPROVED BY ENG. DEPT.

LET.	REVISION	SIGN.	MODEL	ASSEM.	WIR
A	REVISED & REDRAWN				

DR.: JP 10-
CKD.:
SCALE: 4:1
APPROVED
C
SUPERSEDES

ITEM	PT. NO.	DESC.	QU

NAME: READOUT, 2 DIGIT LED
MATL: NOTED
FINISH:
HEAT TREAT:
DIM TOL: FRACTIONS ± .010 · DECIMALS AS SPECIFIED · ANGLES ± ½°
ALL DIMENSIONS MUST BE MET BEFORE PLATING

K & E CO. 10-5155