

PIXIE POSITION INDICATOR TUBE HB105

TENTATIVE SPECIFICATIONS

The HB-105 is a gas filled, cold cathode, 10 position read-out device, having a common anode. It features 10 glow positions, 36° apart, visible through 10 numerical perforations (0 to 9) in the common anode, in the manner of an internal bezel with the indicated number determined by the positions of the glow discharge. Advantages of this tube are its ability to ionize more than one cathode simultaneously and it operates at very low currents.

MÉCHANICAL DATA:

Overall length	1.380" max.	Socket	(HSK-111)
Base to hold-down line	1.125" max.	Weight	1 oz. max.
Bulb diameter	1.080" max.	Mounting Position	Any
Envelope connections	see table		

ELECTRICAL DATA:

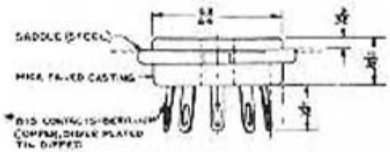
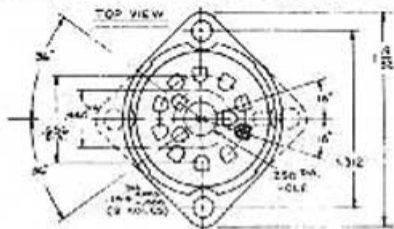
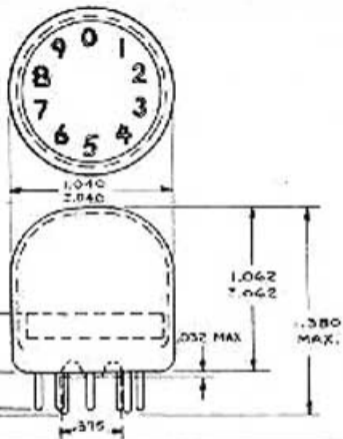
1. Absolute ratings:

Ionization voltage	150 V DC minimum
Cathode current	0.25 MA average
Cathode current	0.50 MA peak
Individual cathode wattage08 watts maximum

2. Test conditions: See Basic Circuit — Fig. 1, pg. 4

Anode supply voltage	150 V DC
Anode series resistor	82 K ohms
Cathode current	0.200 MA minimum
	0.350 MA maximum

TOP VIEW



SOCKET HSKIII

ENVELOPE CONNECTIONS			
1 = "2"	4 = "9"	7 = "6"	10 = "3"
2 = "1"	5 = "8"	8 = "5"	11 = ANODE
3 = "0"	6 = "7"	9 = "4"	12 = ANODE
			13 = ANODE