

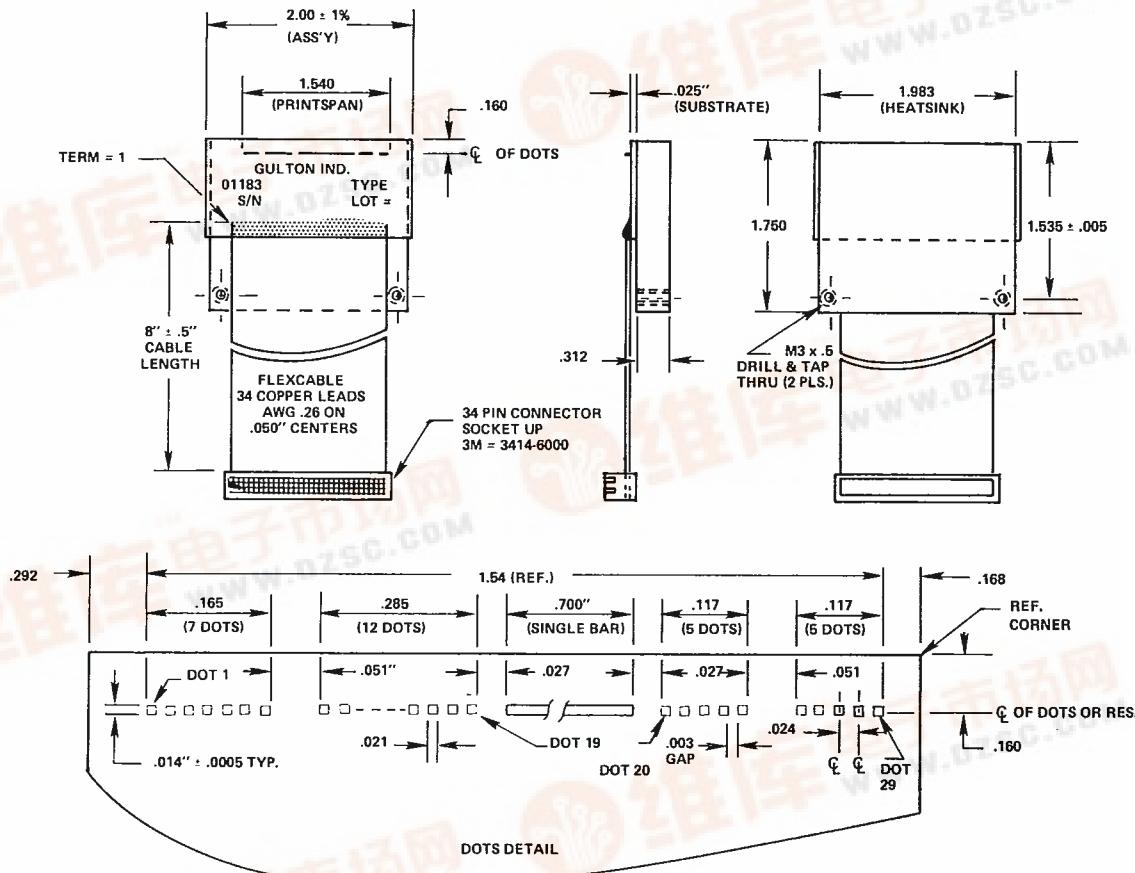


01183 UPC BARCODE PRINthead

The Gulton 01183 is a thick film thermal printhead designed to print UPC barcode labels. This unit offers a single bar element .700 inches long x .012 inches wide with 19 dots on one side of the bar (arranged in two groups consisting of 7 dots, a 2 dot space and 12 dots) and 10 dots on the other side of the bar (arranged in two groups of five dots with a two dot space between groups).

The printhead can be positioned such that the two groups of five dots are printed above the barcode and the 19 dots are printed below the barcode or visa versa.

The barcode printing is accomplished by energizing the bar element to print one single width bar and advancing the paper to achieve the desired spacing between bars. Multiple width bars are comprised of any number of single width bars printed side by side. The spacing between bars (single or multiple) is determined by the step increment of the mechanism and therefore should be the same as the bar width.



NOTES:
 1. SUBSTRATE TO BE CENTERED AND FLUSH WITH TOP EDGE OF HEATSINK.
 2. BRANDING AS SHOWN ON DRAWING.
 3. NOMINAL RESISTANCE FOR DOTS = 288 Ω / DOT.
 4. PIN DESIGNATION AS SHOWN ON TABLE 1.

PIN	FUNCTION	PIN	FUNCTION
1	COMMON	18	DOT 16
2	COMMON	19	DOT 17
3	DOT 1	20	DOT 18
4	DOT 2	21	DOT 19
5	DOT 3	22	BAR
6	DOT 4	23	BAR
7	DOT 5	24	DOT 20
8	DOT 6	25	DOT 21
9	DOT 7	26	DOT 22
10	DOT 8	27	DOT 23
11	DOT 9	28	DOT 24
12	DOT 10	29	DOT 25
13	DOT 11	30	DOT 26
14	DOT 12	31	DOT 27
15	DOT 13	32	DOT 28
16	DOT 14	33	DOT 29
17	DOT 15	34	COMMON