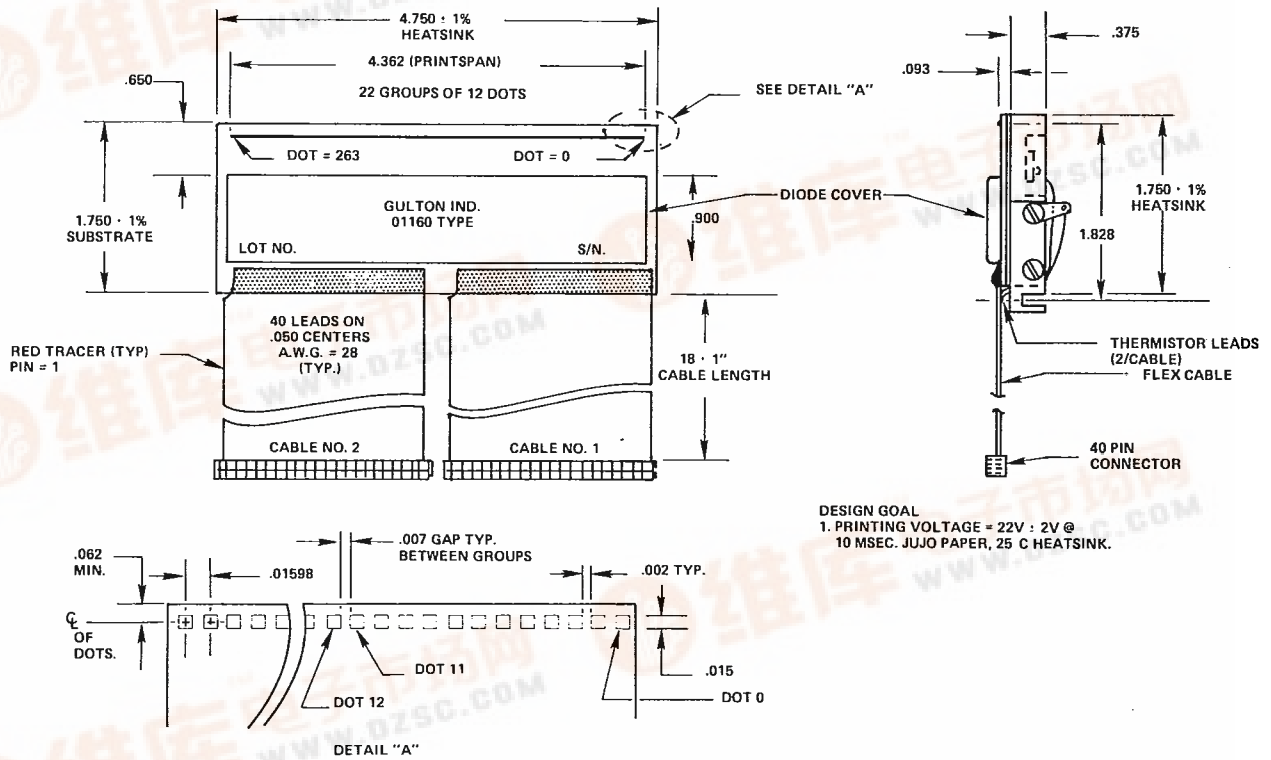




01160-002 GRAPHICS PRINTHEAD

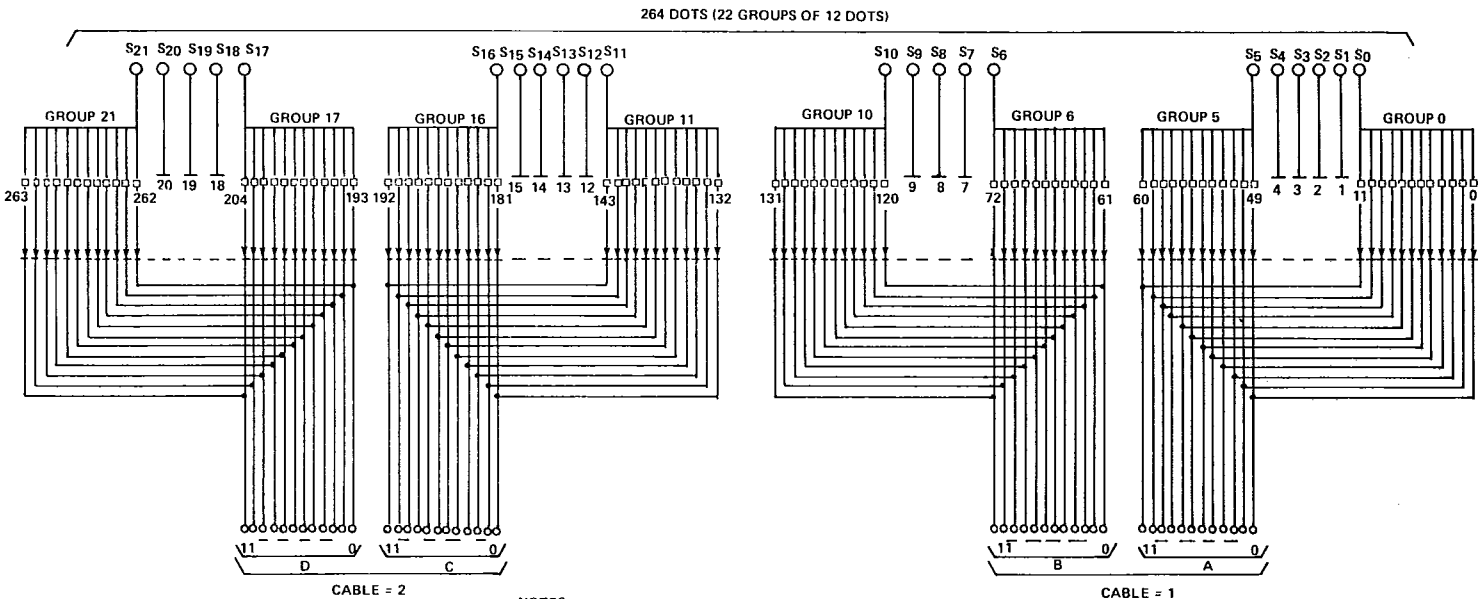
The 01160-002 is a linear array of 264 dots on 0.016" centers (62 dots/inch) arranged in 22 commoned groups of 12 dots. The unit can produce various size matrix characters and/or graphics data. Four sets of 12 dot drive lines each are provided, two of these driving 5 dotgroups each and the other two driving 6 dotgroups each. This allows printout of an entire dotrow in 6 (six) multiplex or strobe pulses.

The 01160-002 is tested at standard conditions of 8 mS pulsewidth at 24 volts nominal printvoltage, but may be operated down to 2 mS pulsewidth. (See the 01138-002 for a head which has one-half the dots as the 01160-002. Also see the GM2-01160E for a preganged pair of 01160 units).



DESIGN GOAL
 1. PRINTING VOLTAGE = 22V : 2V @
 10 MSEC. JUJO PAPER, 25 C HEATSINK.





NOTES:
 1. DOT & COLUMN DESIGNATION SHOWN AS ON MECHANICAL DWG.
 2. DIODES SHOWN AS FORWARD DIRECTION.

PIN NO.	FUNCTION
1	THER.
2	MISTOR
3	COMM. S21
4	8D
5	COMM. S20
6	4D
7	0D
8	COMM. S19
9	7D
10	3D
11	5D
12	COMM. S18
13	1D
14	11D
15	10D
16	COMM. S17
17	9D
18	6D
19	2D
20	COMM. S16

21	10C
22	3C
23	9C
24	COMM. S15
25	6C
26	2C
27	11C
28	NC
29	COMM. S14
30	NC
31	8C
32	5C
33	COMM. S13
34	1C
35	0C
36	7C
37	COMM. S12
38	4C
39	NC
40	COMM. S11

PIN NO.	FUNCTION
1	THER-
2	MISTOR
3	COMM. S10
4	8B
5	COMM. S9
6	4B
7	0B
8	COMM. S8
9	7B
10	3B
11	5B
12	COMM. S7
13	1B
14	11B
15	10B
16	COMM. S6
17	9B
18	6B
19	2B
20	COMM. S5

21	10A
22	3A
23	9A
24	COMM. S4
25	6A
26	2A
27	11A
28	NC
29	COMM. S3
30	NC
31	8A
32	5A
33	COMM. S2
34	1A
35	0A
36	7A
37	COMM. S1
38	4A
39	NC
40	COMM. S0