

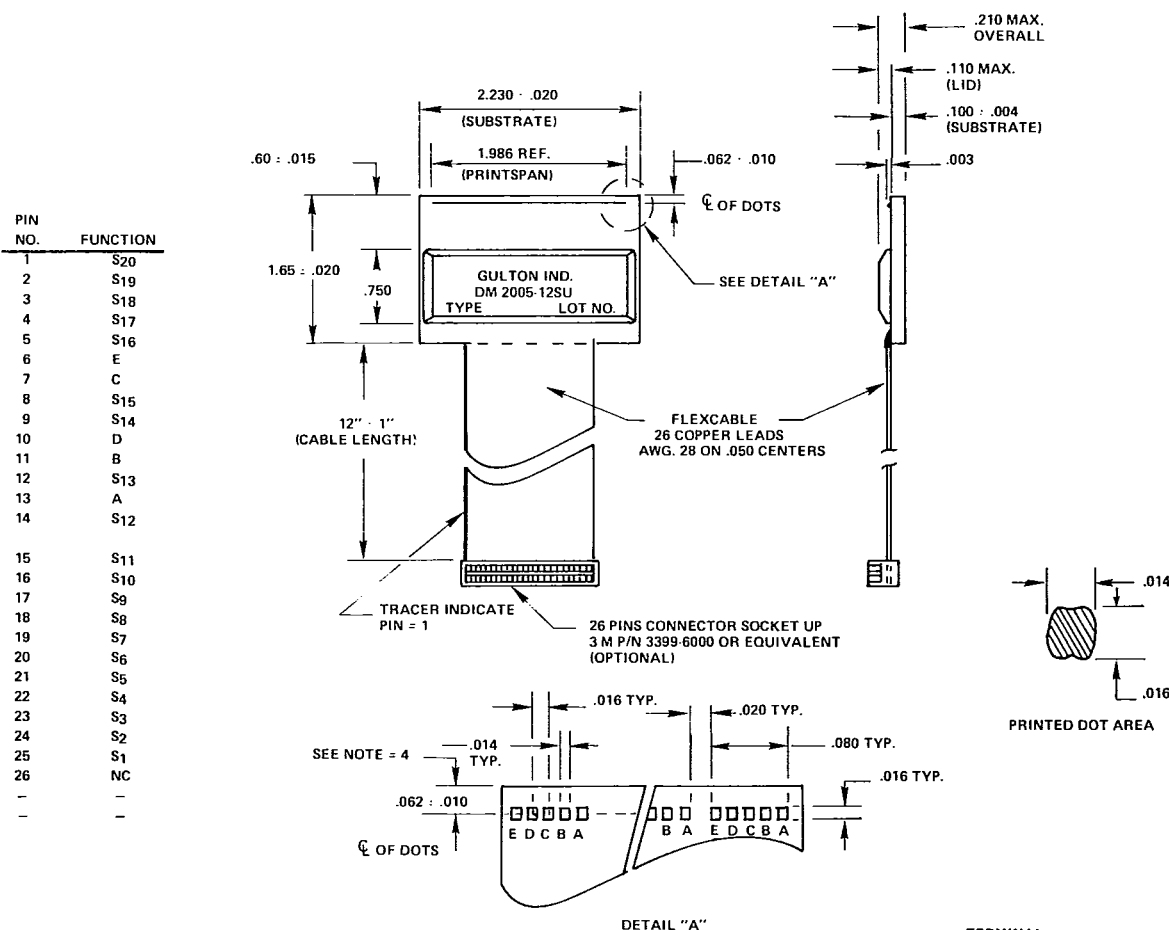


Graphic Instruments Division

DM2005-12SU LOW COST TEXTHEAD

The DM2005-12SU is a low cost twenty column alpha-numeric dot matrix (5 x 7) printhead with dot spacing and dimensions identical to that of the standard DM20100-38R12 printhead. The DM2005-12SU differs in that it is designed for use without a heatsink, and the edges are not sawed after screening so that it cannot be ganged. Nominal printvoltage is 16 volts at 8 mS, the same as the TI EPN3120 printhead which the DM2005 functionally replaces. Both a 12 volt and 24 volt version could be provided on special order.

The DM2005-12SU (12" cable w/connector) is used in the low cost Gulton AP9120TM 20 column mechanism which functionally replaces the TI EPN9120 mechanism.



NOTES:

- PRINTING CONDITIONS:
NOMINAL PRINTING VOLTAGE - 16V (PRINthead TERMINAL).
PRINT PULSE WIDTH 8 MSEC. ON 90 C PAPER.
POWER = 1.65 WATTS PER DOT.
NOMINAL RESISTANCE = 140 OHMS.
LOWEST ABSOLUTE DOT RESISTANCE = 92 OHMS.
- PRINthead WILL BE SORTED INTO EIGHT VOLTAGE CATEGORIES A THRU H (SEE TABLE "A").
- BRANDING AS SHOWN ON DRAWING.
- TOLERANCE TO TOP EDGE OF PRINthead.
- PRINthead PIN FUNCTIONS (ELECTRICAL CONNECTION). SEE TABLE "B".