

DRAWING No.

A3

THIRD ANGLE PROJECTION

DO NOT SCALE

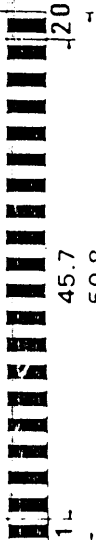
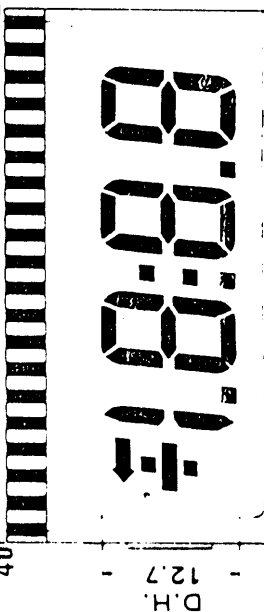
478-072
233-608

VI-303-DP, VI-303-2

Pitch 2.54 x 19 = 48.26

21

40



DRIVER: Intersil ICL7106, Teledyne 7106

DIGIT HEIGHT 12.7 mm (0.5")

TECH

DISPLAY MODEL NUMBER NOTATION

VIM - 808 - DP - RC - S - LV - N

APPLICATION
A: Blank
B: Calculator
C: Instrument
D: Dot Matrix
G: Graphic

MODE
Blank for positive
N: Negative

DRIVE VOLTAGE*
LV: 3.1V for Multiplexing
HV: 3.9V-4.7V for Multiplexing

FLUID
S: Standard
W: Wide temperature*

MODEL NUMBER

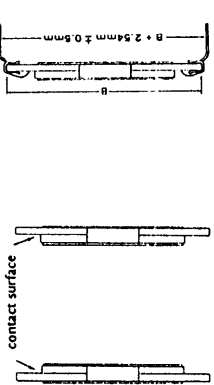
POLARIZER GRADE
K: Commercial Reflective
L: Commercial Transmissive
TC: Commercial Transmissive
GC: Standard Gold Reflective
RH: Reflective, high stability
FH: Transmissive, high stability
TH: Transmissive, high stability

CONNECTOR TYPES

1: Pin type (Pins not Supplied)
2: Elastomeric (Zebra) Type
DP: Epoxy DIL pins Provided

*NOTE: Wide temperature fluid requires higher voltage of drive (See P.19)

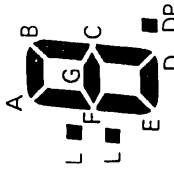
CONNECTOR TYPES **



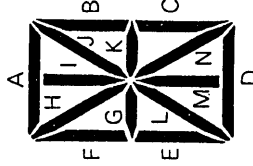
NOTE: For DP, Standard pin length 6.35 mm (0.25"). Maximum 14.5 mm, pin pitch 2.54 mm
For other Types of pins and pin pitch, please refer to P.18

SEGMENT NOTATION

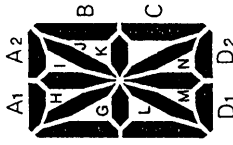
7 SEGMENT



14 SEGMENT



16 SEGMENT



(Digit number starts from right to left)

| Pin No. | Segment | Pin No. | Segment | Pin No. | Segment | Pin No. | Segment |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | COM | 11 | 3C | 21 | 1A | 31 | 3F |
| 2 | - | 12 | 3DP | 22 | 1F | 32 | 3G |
| 3 | B-C | 13 | 2E | 23 | 1G | 33 | NC |
| 4 | NC | 14 | 2D | 24 | 2B | 34 | NC |
| 5 | NC | 15 | 2C | 25 | 2A | 35 | NC |
| 6 | NC | 16 | 2DP | 26 | 2F | 36 | NC |
| 7 | NC | 17 | 1E | 27 | 2G | 37 | NC |
| 8 | 4DP | 18 | 1D | 28 | L | 38 | ← |
| 9 | 3E | 19 | 1C | 29 | 3U | 39 | • |
| 10 | 3D | 20 | 1B | 30 | 3A | 40 | COM |

TOLERANCES UNLESS OTHERWISE STATED
LINEAR ±
ANGULAR ±

MATERIAL & SPEC.

PROTECTIVE FINISH

SCALE

DIMENSIONS IN

ACTL WT

ESTD WT

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TITLE:

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