



Product Change Notification

PCN No: 2013-10-22-01
Report Date: October 22, 2013
Subject: New 20x2 VFD Display

List of New / Changed Products:

All the following alphanumeric displays:

MOP-AV202C-BNNN
MOS-AV202
MOI-AV202
MOU-AV202
VK202-25
VK202-25-USB
BVK202A
BVC2021
Including all applicable options and across all PCB Revisions

Reason for Change:

Our vacuum fluorescent display manufacturer has updated the 20x2 VFD displays with a slightly different piece of glass using chip on glass technology to remove a number of components from the screen board.

Product Change:

All outside dimensions of the vacuum fluorescent display and the active area remain exactly the same. However, the actual glass has grown 0.75mm in the X dimension, shrunk 1.25mm in the Y dimension. Overall height of the new display is 1.2mm shorter. Two large circular electrolytic capacitors and one inductor have been removed from the left side of the board.

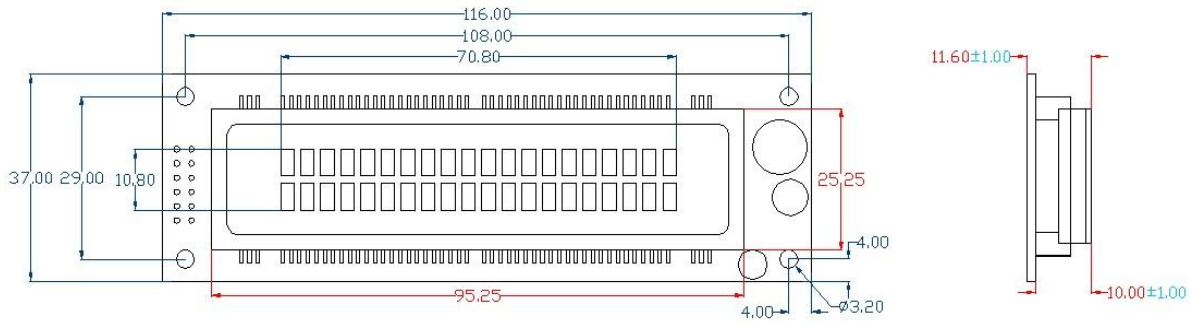
There are no functional changes.

Important note about 20x2 VFD filters: The current VFD filters will no longer be compatible in size and new ones will be released. Part numbers to be determined at a later date.

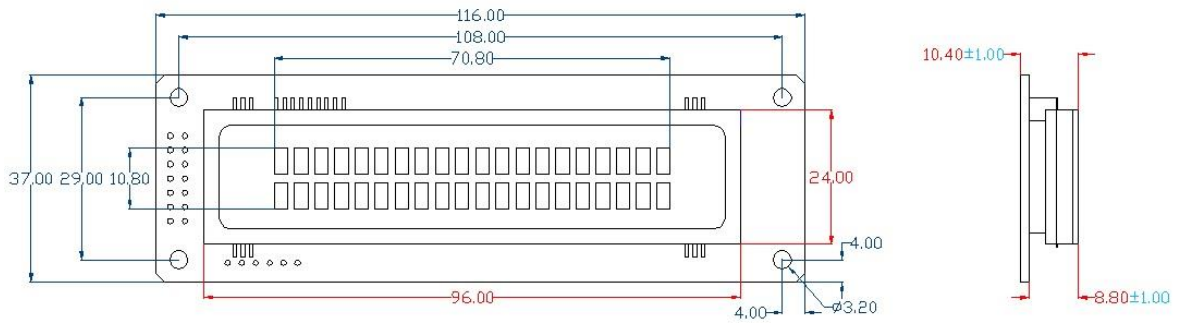
Schedule of Change:

August 8, 2015

Differences in dimension shown in red:



Old VFD Dimensions



New VFD Dimensions



Old Display

New Display

Documentation Revision

Revision	Changes	Date	Author
1.3	Updated Schedule of Change	August 7, 2015	R Malinis
1.2	Updated Schedule of Change	March 31, 2015	R Malinis
1.1	Updated Schedule of Change	July 23, 2014	R Malinis
1.0	Initial Release	October 22, 2013	R Malinis

Contact Information:

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Reference Documents/Attachments:

Location: <http://www.matrixorbital.ca/manuals/>

Approvals:

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