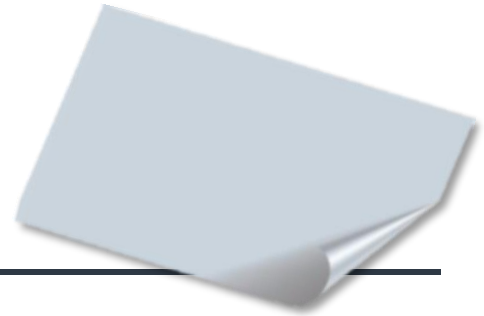


technical specifications

lenticular 3D filter for 5,5" panel

F089WQXLM05R070A

Rev. 1.0 / 05.06.2019



records of revision

revision	date	revised	note
1.0	2019-06-05	Sigwart	initial release

1 General

The F089WQXLM05R070A is a passive 3D filter element that needs to be attached to a landscape-format aligned 8,9" LCD-panel in order to enable glasses-free 3D visualization, if the display is used with specially prepared 3D content. This filter has been specially developed for the LCD panels listed below.

2 Filter specifications

Parameter	Value (approx.)	Unit	Note
outer dimensions	194 x 122 x 0,15	mm	W x H x T
weight	3	gram	-
filter structure	LoF (Lense on Film)		<i>F089WQXLM05R070A</i>
<i>substrate material</i>	<i>0,1mm film</i>	-	-
<i>lenses characteristics</i>	<i>lenticular microlens array with aperture</i>	-	<i>F089WQXLM05R070A</i>
<i>lens orientation</i>	<i>dextral slanted</i>	-	<i>F089WQXLM05R070A</i>
number of 3D views	5	-	<i>F089WQXLM05R070A</i>
optimal 3D viewing distance	70	cm	<i>F089WQXLM05R070A</i>
width of each 3D zone	26	cm	measured in optimal viewing distance
designated filter direction	lens surface towards user (2U)	-	-
designated GAP distance filter <-> panel	0,1	mm	-
designated bonding technology	full / optical bonding	-	-
designated panel orientation	landscape format	-	-

3 Compatible LCD panels

JID	-	-	-
TFTMD089030	-	-	-
-	-	-	-

Certain other 8,9" WQXGA panels might also work properly with this filter, but have not been tested.

4 MPV 3D Player configuration

If the modified panel / display will be used with 3D Global's MPV 3D Player, please use the configuration file with

config code

05R

For other than the above listed panel types, another config code might be suitable.

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