

## technical specifications

lenticular 3D filter for 5,5" panel

# F055WQHPM05O070A

Rev. 1.0 / 05.06.2019



### records of revision

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

## 1 General

The F055WQHPM05O070A is a passive 3D filter element that needs to be attached to portrait-format aligned 5,5" 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	70 x 122 x 0,15	mm	W x H x T
weight	2	gram	-
filter structure	LoF (Lense on Film)		<i>F055WQHPM05O070A</i>
<i>substrate material</i>	<i>0,1mm film</i>	-	-
<i>lenses characteristics</i>	<i>lenticular microlens array with aperture</i>	-	<i>F055WQHPM05O070A</i>
<i>lens orientation</i>	<i>dextral slanted</i>	-	<i>F055WQHPM05O070A</i>
number of 3D views	5	-	<i>F055WQHPM05O070A</i>
optimal 3D viewing distance	70	cm	<i>F055WQHPM05O070A</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	portrait format	-	-

### 3 Compatible LCD panels

<b>SHARP</b>	-	-	-
LS055R1SX04	-	-	-
-	-	-	-

Certain other 5,5" WQHD 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

**050**

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

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