

CUSTOMER P/N:

Rev.	DATE	NOTES
V1.0	2020.11.23	New issue

Dimensions and labels for the top view of the display module:

- 34.99±0.05 COVER OD
- 30.60±0.15 LCD OUTLINE
- 29.31±0.10 COVER VA
- 28.70 LCD AA
- 2.19±0.30
- 2.84
- 3.15
- 2.70±0.30
- 3.35
- 3.65
- 42.24±0.05 COVER OD
- 37.99±0.15 LCD OUTLINE
- 35.55±0.10 COVER VA
- 34.94 LCD AA
- 1.78" 368*448 DOTS
- Black
- 3.42(2.5D Radium)
- 2.48±0.15(Total)
- 1.50±0.05 (2.5D COVER GLASS)
- 0.80 (AMOLED)
- 7.50±0.30
- 3.60±0.30
- 37.20±0.50
- 13.30±0.30
- 2.67±0.50

Side and cross-sectional views of the display module showing the 2.5D cover glass and internal components.

Bottom view of the display module showing the IC and connector. Dimensions include 2.19±0.50, 0.70Max, 38.74±0.50, and 0.70Max.

PIN FUCTION					
PIN	SYMBOL	PIN	SYMBOL	PIN	SYMBOL
1	VCI_EN	13	VIO18(1.8V)	25	MIPI_CLKP
2	GND	14	VIO18(1.8V)	26	MIPI_CLKN
3	TP_I2C_SDA	15	NC(VPP)	27	GND
4	TP_I2C_SCL	16	NFC_ANT2	28	MIPI_DOP
5	NC(TP_SWDIO)	17	NFC_ANT1	29	MIPI_DON
6	TP_RST	18	GND	30	GND
7	TP_INT	19	SPI_SDO	31	VPH_PWR(3.8V)
8	TP_VDD(2.8V)	20	SPI_SDI	32	VPH_PWR(3.8V)
9	GND	21	SPI_DCX	33	GND
10	LCD_RST	22	SPI_CLK	34	GND
11	LCD_TE	23	SPI_CS		
12	GND	24	GND		

NOTES:

1. MODULE TYPE: 1.78" AMOLED
2. DISPLAY DRIVER IC: RM69090
TOUCH DRIVER IC: TMA525C-34FN124ZZ(T)
3. OPERATION TEMPERATURE: -20°C~+70°C
STORAGE TEMPERATURE: -30°C~+80°C
4. GENERAL TOLERANCE: ±0.20
5. INTERFACE: MIPI
6. REQUIREMENT ON ENVIRONMENT PROTECTION: ROHS

Customer Approval	Drawn:	DLC Display Co., Ltd			
	Checked:				
	Approved:	Title	OEL DISPLAY MODULE	Unit	mm
	Critical Dim.	Part No.	DLC0178AEOG-C-1	Scale	1:1
	Reference Dim.	Revision	V1.0	Page	1/1
	Date	2020-11-23	3 rd Angle		