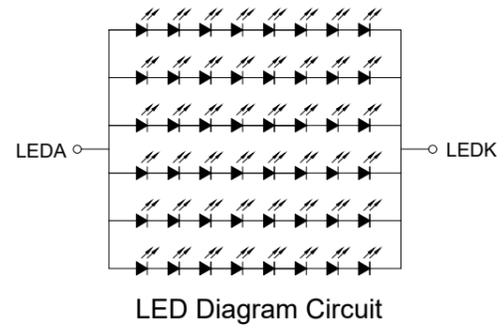
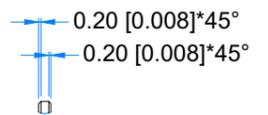


DETAIL A
SCALE 4:1



1.25 MM MOLEX CONNECTORS

NO.	TYPE	MATE WITH
P9 (PDM)	53261-0471	51021-0400
P6 (SPK L)	53261-0471	51021-0400
P7 (SPK R)	53261-0471	51021-0400
P11 (CAN1)	53261-0471	51021-0400
P15 (CAN2)	53261-0471	51021-0400
P1 (RS232)	53261-0571	51021-0500
P3 (RS485)	53261-0471	51021-0400
P2 (POWER)	53261-0671	51021-0600

1.27 MM PIN HEADER AND SOCKET

NO.	TYPE	MATE WITH
P8 (EXPANSION)	CH51402M100-0P	CBC1402D100 OR CBC1402M100-2P
J2 (JTAG)	20021521-00010T4LF	20021444-00010T4LF

LCM NOTES:

- LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- RESOLUTION: 1280x800
- VIEWING ANGLE: FREE
- MCU ON THE BOARD: MIMXRT1176DVM
- EXTERNAL SDRAM SIZE: 512 Mbit
- EXTERNAL FLASH SIZE: 512 Mbit Octal Flash + 32 Mbit SPI Flash
- SUPPLY VOLTAGE FOR MODULE: 7.0V - 36.0V

TP NOTES:

- TP STRUCTURE: G+G
- CG THICKNESS: 1.80mm[0.070inch]
- SURFACE HARDNESS: 7H
- DRIVER IC: ILI2511
- INTERFACE: CONNECTED TO MCU VIA I2C

GENERAL NOTES:

- MODULE SURFACE LUMINANCE: 850 cd/m²
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm
- RoHS3 COMPLIANT

PN: RVT121HVNFWCA0-B		
SN:		
DRAWN: M.Stabinski	2025.12.12	1:2.55
CHECKED: J.Teska-Adamiec	2025.12.12	[mm]
APPR: M.Wierzbowski	2025.12.12	ISO A3

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